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R.H. COATS, B.A., F.S.S., (Hon.), F.R.S.C., Dominion Statistician. G.S. WONG, B.Sc., Chief, Transportation & Public Utilities Branch

OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

(Thousands of Kilowatt Hours)

January, 1933.  
Lacks February

Months	TOTALS FOR CANADA				GENERATED BY WATER POWER				GENERATED BY FUEL			
	Water	Fuel	Total	Maritime	Quebec	Ontario	Prairie	British Columbia	Prairie	Other	Provinces	Total
	:	:	:	:	:	:	:	:	:	:	:	:
A - Monthly Output												
1932-												
October	x 1,362,670	27,474	1,390,144	50,989	763,577	348,530	104,780	94,794	16,072	11,402	11,402	50,737
November	x 1,417,074	31,153	1,448,227	53,110	823,035	333,565	111,404	95,960	18,393	12,760	12,760	35,023
December	x 1,400,793	32,398	1,433,191	52,587	801,939	326,173	116,933	103,161	19,679	12,719	12,719	41,609
1933- January	1,366,336	30,322	1,396,658	44,535	785,142	318,039	116,099	102,521	18,249	12,073	12,073	48,018
B - Average Daily Output												
1932-												
October	x 43,957	886	44,863	1,642	24,632	11,243	3,380	3,058	518	368	368	1,637
November	x 47,236	1,038	48,274	1,770	27,435	11,119	3,713	3,199	613	425	425	1,167
December	x 45,186	1,045	46,231	1,696	25,868	10,522	3,772	3,328	635	410	410	1,342
1933- January	44,075	978	45,053	1,437	25,327	10,259	3,745	3,307	589	389	389	1,549

C - Electric Energy Available for Consumption

	October 1932	November 1932	December 1932	January 1933
Maritime Provinces	61,015	64,490	63,889	55,249
Quebec	600,232	654,551	631,999	604,887
Ontario	462,496	468,380	455,791	451,516
British Columbia	93,910	95,019	102,128	101,618

x - Revised Data.  
/ - Production plus provincial imports less provincial exports.













No. 3

R.H. COATS, B.A., F.S.S., (Hon.), F.R.S.C., Dominion Statistician. G.S. WRONG, B.Sc., Chief, Transportation & Public Utilities Branch

OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA  
(Thousands of Kilowatt Hours)

MARCH, 1933

Months	TOTALS FOR CANADA			GENERATED BY WATER POWER					GENERATED BY FUEL		Total Exports
	Water	Fuel	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia	Prairie Provinces	Other	
1932	A - Monthly Output										
December	x 1,400,793	32,398	1,433,191	52,587	801,939	326,173	116,933	103,161	19,679	12,719	41,609
1933	B - Average Daily Output										
January	x 1,366,336	x30,303	1,396,639	44,535	785,142	318,039	116,099	102,521	x18,230	12,073	46,018
February	1,273,113	26,453	1,299,566	33,143	718,527	323,816	104,085	93,542	16,217	10,236	46,440
March	1,346,849	24,198	1,371,047	40,464	747,878	350,959	108,015	99,533	15,388	8,810	45,344
1932	A - Monthly Output										
December	x 45,186	1,045	46,231	1,696	25,868	10,522	3,772	3,328	635	410	1,342
1933	B - Average Daily Output										
January	44,075	978	45,053	1,437	25,327	10,259	3,745	3,307	589	389	1,549
February	45,468	945	46,413	1,184	25,662	11,564	3,717	3,341	579	366	1,659
March	43,447	780	44,227	1,305	24,125	11,321	3,485	3,211	490	284	1,463

C - Electric Energy Available for Consumption

	December 1932	January 1933	February 1933	March 1933
Maritime Provinces	63,889	55,249	42,418	48,072
Quebec	631,999	604,887	549,388	575,308
Ontario	455,791	451,516	447,386	479,322
British Columbia	102,128	101,618	92,575	98,482

x - Revised data. / No allowance is made for the effect of holidays, Sundays or Saturdays.  
xx - Production plus provincial imports less provincial exports.





No. 4

R.H. COATS, B.A., F.S.S., (Hon.), F.R.S.C., Dominion Statistician. G.S. WRONG, B.Sc., Chief, Transportation & Public Utilities Branch

OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA  
(Thousands of Kilowatt Hours)

APRIL, 1933

Months	TOTALS FOR CANADA			GENERATED BY WATER POWER					GENERATED BY FUEL			Total Exports	
	Water	Fuel	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia	Prairie Provinces	Other Provinces			
A - Monthly Output													
1933													
January	1,366,336	30,303	1,396,639	44,535	785,142	318,039	116,099	102,521	18,230	12,073	48,018		
February	1,273,113	26,453	1,299,566	33,143	718,521	323,816	104,085	93,542	16,217	10,236	46,440		
March	1,346,849	24,198	1,371,047	40,464	747,878	350,959	108,015	99,533	15,388	8,810	45,343		
April	1,275,313	19,763	1,295,081	43,968	703,886	338,279	97,162	92,018	12,122	7,646	35,272		
B - Average Daily Output													
1933													
January	44,075	978	45,053	1,437	25,327	10,259	3,745	3,307	589	389	1,549		
February	45,468	945	46,413	1,184	25,662	11,564	3,717	3,341	579	366	1,659		
March	43,447	780	44,227	1,305	24,125	11,321	3,485	3,211	495	284	1,463		
April	42,510	659	43,169	1,465	23,463	11,276	3,239	3,067	404	255	1,176		

C - Electric Energy Consumed

	January 1933	February 1933	March 1933	April 1933
Maritime Provinces	55,249	42,418	48,072	50,495
Quebec	604,887	549,388	575,308	557,815
Ontario	451,516	447,336	479,322	450,184
British Columbia	101,618	92,575	98,482	91,035
Manitoba				

D - Electricity Used in Electric Boilers

	January 1933	February 1933	March 1933	April 1933
	216,332	201,916	207,791	203,449
	7,525	36,607	39,730	39,188
	167	157	184	138
	23,494	21,147	19,752	13,013

x - Revised data. No allowance is made for the effect of holidays, Sundays or Saturdays. xx - Production plus provincial imports less provincial exports. 22/5/33





No. 5

R.H. COATS, B.A., F.S.S., (Hon.), F.R.S.C., Dominion Statistician. G.S. WRONG, B.Sc., Chief, Transportation & Public Utilities Branch

OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA  
(Thousands of Kilowatt Hours)

MAY, 1933

Months	TOTALS FOR CANADA			GENERATED BY WATER POWER				GENERATED BY FUEL			Total Exports	
	Water	Fuel	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia	Prairie Provinces	Other Provinces		
1933				A - Monthly Output								
February	1,273,113	26,453	1,299,566	33,143	718,527	323,816	104,085	93,542	16,217	10,236	46,440	
March	1,346,849	24,198	1,371,047	40,464	747,878	350,959	108,015	99,533	15,388	8,810	45,343	
April	x1,275,420	19,768	x1,295,188	43,968	703,886	x338,386	97,162	92,018	12,122	7,646	35,272	
May	1,327,235	21,572	1,348,807	50,146	757,717	334,654	90,707	94,011	12,511	9,061	42,875	
				B - Average Daily Output /								
1933				1,184	25,662	11,564	3,717	3,341	579	366	1,659	
February	45,468	945	46,413	1,305	24,125	11,321	3,485	3,211	496	284	1,463	
March	43,447	780	44,227	1,465	23,463	x11,280	3,239	3,067	404	255	1,176	
April	x42,514	659	x43,173	1,618	24,442	10,795	2,926	3,033	404	292	1,383	
May	42,814	696	43,510									

C - Electric Energy Consumed #

D - Electricity Used in Electric Boilers

	C - Electric Energy Consumed			D - Electricity Used in Electric Boilers			
	February	March	April	May	February	March	April
Maritime Provinces.....							
Quebec .....	42,418	48,072	50,495	58,374			
Ontario .....	549,388	575,308	557,815	588,603	201,916	207,791	203,449
British Columbia .....	447,386	479,322	450,184	461,721	36,607	39,730	39,188
Manitoba .....	92,575	98,482	91,035	92,793	157	184	138
					21,147	19,752	13,013

x - Revised data. / No allowance is made for the effect of holidays, Sundays or Saturdays. # - Production plus provincial imports less provincial exports.





R.H. COATS, B.A., F.S.S., (Hon.), F.R.S.C., Dominion Statistician. G.S. WONG, B.Sc., Chief, Transportation & Public Utilities Branch

## JUNE, 1933

	11	17
C - Electric Energy Consumed		

	March	April	May	June
Maritime Provinces	48,072	50,425	58,374	63,042
Quebec .....	575,308	557,815	538,603	579,313
Ontario .....	479,322	x 450,291	x 462,856	457,765
British Columbia..	98,462	91,035	92,793	90,165
Manitoba .....				
Total .....	1,121,164	1,140,556	1,184,626	1,220,285

x - Revised data.	/ No allowance is made for the effect of holidays, Sundays or Saturdays.	# Production plus provision for inventory less production of exports
1950	100	100
1951	100	100
1952	100	100
1953	100	100
1954	100	100
1955	100	100
1956	100	100
1957	100	100
1958	100	100
1959	100	100
1960	100	100
1961	100	100
1962	100	100
1963	100	100
1964	100	100
1965	100	100
1966	100	100
1967	100	100
1968	100	100
1969	100	100
1970	100	100
1971	100	100
1972	100	100
1973	100	100
1974	100	100
1975	100	100
1976	100	100
1977	100	100
1978	100	100
1979	100	100
1980	100	100
1981	100	100
1982	100	100
1983	100	100
1984	100	100
1985	100	100
1986	100	100
1987	100	100
1988	100	100
1989	100	100
1990	100	

20/7/33





No. 7

R.H. COATS, B.A., F.S.S., (Hon.), F.R.S.C., Dominion Statistician. G.S. WRONG, B.Sc., Chief, Transportation & Public Utilities Branch

OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA  
(Thousands of Kilowatt Hours)

JULY, 1933

Months	TOTALS FOR CANADA			GENERATED BY WATER POWER					GENERATED BY FUEL			Total Exports	
	Water	Fuel	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia	Prairie Provinces	Other Provinces			
July, 1932	1,333,555	22,026	1,155,581	A - Monthly Output									59,015
April, 1933	1,275,420	19,768	1,295,188	38,583	606,872	317,815	81,519	88,766	11,986	10,040	10,040	59,015	
May, "	1,328,370	21,572	1,349,942	43,968	703,886	338,386	97,162	92,018	12,122	7,646	7,646	35,272	
June, "	1,349,280	21,633	1,370,913	50,146	757,717	335,789	90,707	94,011	12,511	9,061	9,061	42,875	
July, "	1,419,852	22,808	1,442,660	54,152	774,039	349,180	80,471	91,438	12,210	9,423	9,423	86,673	
				53,130	818,059	374,262	81,191	93,210	12,522	10,286	10,286	119,184	
July, 1932	36,566	711	37,277	B - Average Daily Output /									1,004
April, 1933	42,514	659	43,173	1,244	19,577	10,252	2,630	2,863	387	324	324	1,004	
May, "	42,851	696	43,547	1,465	23,463	11,280	3,239	3,067	404	255	255	1,176	
June, "	44,976	721	45,697	1,618	24,442	10,832	2,926	3,033	404	292	292	1,383	
July, "	45,802	735	46,537	1,805	25,802	11,639	2,682	3,048	407	314	314	2,889	
				1,714	26,389	12,073	2,619	3,007	404	331	331	3,845	
C - Electric Energy Consumed %													
	July 1932	April 1933	May 1933	June 1933	July 1933	D - Electricity Used in Electric Boilers							
Maritime Provinces...	47,478	50,495	58,374	63,042	62,099	April 1933	May 1933	June 1933	July 1933				
Quebec .....	467,750	557,815	588,603	579,313	611,348	.....	.....	.....	.....				
Ontario .....	399,063	450,291	462,856	457,765	462,703	203,449	203,370	190,270	196,434				
British Columbia .....	87,920	91,035	92,793	90,165	92,100	39,188	37,452	33,121	32,865				
Manitoba .....	.....	.....	.....	.....	.....	138	167	153	140				
						13,013	5,232	623	2,049				

/ No allowance is made for the effect of holidays, Sundays or Saturdays. / Production plus provincial imports less provincial exports. Imports and exports for the Prairie Provinces are relatively small.

22/3/33





No. 8

R.H. COATS, B.A., F.S.S., (Hon.), F.R.S.C., Dominion Statistician. G.S. WRONG, B.Sc., Chief, Transportation & Public Utilities Branch

OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA  
(Thousands of Kilowatt Hours)

AUGUST, 1933

Months	TOTALS FOR CANADA			GENERATED BY WATER POWER					GENERATED BY FUEL				Total Exports
	Water	Fuel	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia	GENERATED BY FUEL				
									Prairie Provinces	Other Provinces	Other		
A - Monthly Output													
August, 1932	1,206,682	23,538	1,230,220	44,786	663,911	326,021	82,129	89,835	13,530	10,008		69,192	
April, 1933	1,275,420	19,768	1,295,188	43,968	703,886	338,386	97,162	92,018	12,122	7,646		35,272	
May, "	1,328,370	21,572	1,349,942	50,146	757,717	335,789	90,707	94,011	12,511	9,061		42,875	
June, "	1,349,280	21,633	1,370,913	54,152	774,039	349,180	80,471	91,438	12,210	9,423		86,673	
July, "	x1,419,853	x22,804	x1,442,657	53,130	818,059	374,262	81,191	93,210	x12,518	10,286		x119,192	
August, "	1,483,131	25,082	1,508,213	43,785	865,746	392,773	83,178	97,649	13,293	11,789		112,322	
B - Average Daily Output													
August, 1932	38,925	759	39,684	1,445	21,416	10,517	2,649	2,898	436	323		2,232	
April, 1933	42,514	659	43,173	1,465	23,463	11,280	3,239	3,067	404	255		1,176	
May, "	42,851	696	43,547	1,618	24,442	10,832	2,926	3,033	404	292		1,383	
June, "	44,976	721	45,697	1,805	25,802	11,639	2,682	3,048	407	314		2,889	
July, "	45,802	735	46,537	1,714	26,389	12,073	2,619	3,007	404	331		3,845	
August, "	47,843	809	48,652	1,413	27,927	12,670	2,683	3,150	429	380		3,623	

C - Electric Energy Consumed #

D - Electricity Used in Electric Boilers

	C - Electric Energy Consumed #			D - Electricity Used in Electric Boilers			
	August 1932	May 1933	June 1933	July 1933	August 1933		
Maritime Provinces	53,458	58,374	63,042	62,099	54,241		
Quebec	509,524	588,603	579,313	611,348	653,515		211,498
Ontario	412,510	462,856	457,765	462,793	37,452	x196,507	39,807
British Columbia	89,082	92,793	90,165	92,100	167	32,865	12
Manitoba					5,232	140	1,242
					623	2,049	

✓ No allowance is made for the effect of holidays, Sundays or Saturdays. # Production plus provincial imports less provincial exports. Exports  
and exports for the Prairie Provinces are relatively small.  
x Revised data.

21/9/33





R.H. COATS, B.A., F.S.S., (Hon.), F.R.S.C., Dominion Statistician. G.S. WONG, B.Sc., Chief, Transportation & Public Utilities Branch

OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA  
(Thousands of Kilowatt Hours)

SEPTEMBER, 1933

Months	TOTALS FOR CANADA			GENERATED BY WATER POWER					GENERATED BY FUEL			Total Exports
	Water	Fuel	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia	Prairie Provinces	Other Provinces		
September, 1932	1,254,644	24,496	1,279,140	48,069	687,536	337,472	90,082	91,485	13,976	10,520	71,500	
June, 1933	1,349,280	21,633	1,370,913	54,152	774,039	349,180	80,471	91,438	12,210	9,423	86,673	
July, "	1,419,853	22,804	1,442,657	53,130	818,059	374,262	81,191	93,210	12,518	10,286	119,192	
August, "	1,483,131	x25,085	x1,508,216	43,785	865,746	392,773	83,178	97,649	x13,296	11,789	x109,592	
September, "	1,462,499	26,830	1,489,329	44,478	829,045	400,106	90,253	98,617	13,719	13,111	122,905	
September, 1932	41,821	817	42,638	B- Average Daily Output								2,383
June, 1933	44,976	721	45,697	1,602	22,918	11,249	3,003	3,049	466	351		
July, "	45,802	735	46,537	1,805	25,802	11,639	2,682	3,048	407	314	2,839	
August, "	47,843	809	48,652	1,714	26,389	12,073	2,619	3,007	404	331	3,845	
September, "	48,750	894	49,644	1,413	27,927	12,670	2,683	3,150	429	380	x 3,535	
				1,483	27,635	13,337	3,008	3,287	457	437	4,097	

C - Electric Energy Consumed #

D - Electricity Used in Electric Boilers

	September 1932	June 1933	July 1933	August 1933	September 1933
Maritime Provinces.....	57,327	63,042	62,099	x 54,291	56,414
Quebec .....	527,152	579,313	611,348	x655,786	610,490
Ontario .....	427,604	457,765	462,703	x494,417	496,918
British Columbia .....	90,507	90,165	92,100	96,430	97,661
Manitoba .....					

	June 1933	July 1933	August 1933	September 1933
.....	190,270	196,597	211,498	182,405
.....	33,121	32,865	39,807	36,913
.....	153	140	120	129
.....	623	2,049	1,242	3,726

\* No allowance is made for the effect of holidays, Sundays or Saturdays. # Production plus provincial imports less provincial exports. Imports and exports for the Prairie Provinces are relatively small. x - Revised data. 21/10/33





R.H. COATS, B.A., F.S.S., (Hon.), F.R.S.C., Dominion Statistician. G.S. WRONG, B.Sc., Chief, Transportation and Public Utilities Branch.

OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA  
(Thousands of Kilowatt Hours)

OCTOBER, 1933

Months	TOTALS FOR CANADA			GENERATED BY WATER POWER				GENERATED BY FUEL				Total Exports
	Water	Fuel	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia	Prairie Provinces	Other Provinces		
October, 1932	1,362,670	27,474	1,390,144	50,989	763,577	348,530	104,780	94,794	16,072	11,402	50,737	
July, 1933	1,419,853	22,804	1,442,657	53,130	818,059	374,262	81,191	93,210	12,518	10,286	119,192	
August, "	1,483,131	25,085	1,508,216	43,785	865,746	392,773	83,178	97,649	13,296	11,789	109,592	
September, "	x1,462,491	x26,831	x1,489,322	44,478	829,045	x400,098	90,253	98,617	x13,720	13,111	x122,907	
October, "	1,589,214	28,572	1,617,786	55,778	878,097	434,036	111,937	109,366	15,390	13,182	127,242	
A Monthly Output												
B- Average Daily Output(1)												
October, 1932	43,957	886	44,843	1,642	24,632	11,243	3,380	3,058	518	368	1,637	
July, 1933	45,802	735	46,537	1,714	26,389	12,073	2,619	3,007	404	331	3,845	
August, "	47,843	809	48,652	1,413	27,927	12,670	2,683	3,150	429	380	3,535	
September, "	48,750	894	49,644	1,483	27,635	13,337	3,008	3,287	457	437	4,097	
October, "	51,265	922	52,187	1,799	28,326	14,001	3,611	3,528	497	425	4,105	

C - Electric Energy Consumed(2)

	October 1932			August 1933			September 1933			October 1933		
	October 1932	July 1933	August 1933	September 1933	October 1933	July 1933	August 1933	September 1933	October 1933	July 1933	August 1933	September 1933
Maritime Provinces	61,015	62,099	54,291	56,414	67,743	.....	.....	.....	.....	.....	.....	.....
Quebec	600,232	611,348	655,786	x610,489	648,017	196,507	x211,640	x178,415	159,766	32,865	39,807	36,913
Ontario	462,496	462,703	494,417	x496,911	538,037	(3) 2,049	(3) 1,242	(3) 3,746	48,976	(3) 2,049	(3) 1,242	(3) 3,746
Prairie Provinces	121,753	94,825	97,701	104,941	128,372	140	120	129	(3) 17,360	156	156	156
British Columbia	93,910	92,100	96,430	97,661	108,375	231,561	252,809	219,203	226,258	.....	.....	.....
Total	1,339,406	1,323,075	1,398,625	1,366,416	1,490,544	.....	.....	.....	.....	.....	.....	.....

(1) No allowance is made for the effect of holidays, Sundays or Saturdays. (2) Production plus provincial imports less provincial exports.  
(3) Manitoba only. x - Revised data. 21/11/33



R.H. COATS, B.A., F.S.S., (Hon.), F.R.S.C., Dominion Statistician. G.S. BRONG, B.Sc., Chief, Transportation and Public Utilities Branch.

OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA  
(Thousands of Kilowatt Hours)

NOVEMBER, 1933

Months	TOTALS FOR CANADA			GENERATED BY WATER POWER					GENERATED BY FUEL			Total Exports
	Water	Fuel	Total	Maritime :		Quebec	: Prairie :		British Columbia	Prairie Provinces :	Other Provinces :	
				Provinces :	Ontario :		Provinces :	Columbia				
November, 1932	1,417,074	31,153	1,448,227	53,110	823,035	333,565	111,404	95,960	18,393	12,760	35,023	
August, 1933	1,433,131	25,085	1,503,216	45,785	865,746	392,773	83,173	97,649	13,296	11,739	109,592	
September, "	1,462,491	26,831	1,489,322	44,473	829,045	400,098	90,253	93,617	13,720	13,111	122,907	
October, "	x1,589,215	x28,536	x1,617,751	55,773	872,097	x434,037	111,937	109,366	15,390	x13,146	127,242	
November, "	1,670,144	32,414	1,702,558	59,094	883,123	492,932	117,639	112,356	18,004	14,410	106,457	
				B - Average Daily Output (1)								
November, 1932	47,236	1,038	48,274	1,770	27,435	11,119	3,713	3,199	613	425	1,167	
August, 1933	47,843	809	48,652	1,413	27,927	12,670	2,683	3,150	429	380	3,535	
September, "	48,750	894	49,644	1,433	27,635	13,537	3,003	3,237	457	427	4,097	
October, "	51,265	x 921	x52,186	1,739	23,526	14,001	3,611	3,526	497	x424	4,106	
November, "	55,671	1,080	56,751	1,970	29,604	16,431	3,921	3,745	600	480	3,549	

C - Electric Energy Consumed

D - Electricity Used in Electric Boilers

	November 1932	August 1933	September 1933	October 1933	November 1933
	64,490	54,291	56,414	67,743	72,196
Maritime Provinces	654,551	655,786	610,489	643,017	702,556
Quebec	463,380	494,417	496,911	538,037	573,500
Ontario	130,764	97,701	104,941	128,372	136,721
Prairie Provinces	95,019	96,430	97,661	103,375	111,328
British Columbia	1,113,204	1,398,625	1,366,416	1,490,544	1,596,101
Total	2,491,398	2,798,839	2,635,153	2,803,512	3,092,102
(1) No allowance is made for the effect of holidays, Sundays of Saturdays. (2) Production plus provincial imports less provincial exports.					
(5) Manitoba only, x - Revised data.					





No. 12.

R.H. COATS, B.A., F.S.S., (Hon.). F.R.S.C., Dominion Statistician. G.S. WRONG, B.Sc., Chief, Transportation and Public Utilities Branch

OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA  
(Thousands of Kilowatt Hours)

DECEMBER, 1933

Months	TOTALS FOR CANADA			GENERATED BY WATER POWER					GENERATED BY FUEL		Total Exports
	Water	Fuel	Total	Maritime : Provinces :	Quebec :	Ontario :	Prairie : Provinces :	British : Columbia :	Prairie : Provinces :	Other : Provinces :	
A - Monthly Output											
December, 1932	1,400,793	32,398	1,433,191	52,587	801,939	326,173	116,933	103,161	19,679	12,719	41,609
September, 1933	1,462,491	26,831	1,489,322	44,478	829,045	400,098	90,253	98,617	13,720	13,111	122,907
October, "	1,589,215	28,536	1,617,751	55,778	878,097	434,037	111,937	109,366	15,390	13,146	127,242
November, "	x1,670,149	x32,214	x1,702,363	59,094	888,123	492,937	117,639	112,356	x17,804	14,410	106,457
December, "	1,675,105	32,780	1,707,885	50,520	862,635	515,568	125,544	120,838	18,403	14,377	99,347
B - Average Daily Output <sup>(1)</sup>											
December, 1932	45,186	1,045	46,231	1,696	25,868	10,522	3,772	3,328	635	410	1,342
September, 1933	48,750	894	49,644	1,483	27,635	13,337	3,008	3,287	457	437	4,097
October, "	51,265	921	52,186	1,799	28,326	14,001	3,611	3,528	497	424	4,105
November, "	55,671	x1,074	x56,745	1,970	29,604	16,431	3,921	3,745	x594	480	3,549
December, "	54,036	1,057	55,093	1,630	27,827	16,631	4,050	3,898	594	463	3,205

C - Electric Energy Consumed (2)

	December 1932			October 1933			November 1933			December 1933		
	December 1932	September 1933	October 1933	September 1933	October 1933	November 1933	September 1933	October 1933	November 1933	September 1933	October 1933	December 1933
Maritime Provinces	63,889	56,414	67,743	72,196	63,422	x704,340	201,745	209,437	x270,965	277,678	277,678	277,678
Quebec	631,999	610,489	648,017	x571,521	694,332	x571,521	36,913	51,540	77,389	81,844	81,844	81,844
Ontario	455,791	496,911	538,037	x136,521	585,874	x136,521	(3) 3,746	(3) 17,360	(3) 25,883	(3) 30,224	(3) 30,224	(3) 30,224
Prairie Provinces	137,776	104,941	128,372	111,328	145,102	111,328	129	156	159	194	194	194
British Columbia	102,128	97,661	108,375	x1,595,906	119,808	x1,595,906	242,535	278,493	x374,396	389,940	389,940	389,940
Total	1,391,583	1,366,416	1,490,544		1,608,538							

(1) No allowance is made for the effect of holidays, Sundays or Saturdays. (2) Production plus provincial imports less provincial exports.  
(3) Manitoba only. x - Revised data.

22/1/34





R.H. COATS, B.A., F.S.S., (Hon.), F.R.S.C., Dominion Statistician. G.S. WONG, B.Sc., Chief, Transportation and Public Utilities Branch

OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA  
(Thousands of Kilowatt Hours)

JANUARY, 1934

Months	TOTALS FOR CANADA				GENERATED BY WATER POWER					GENERATED BY FUEL					Total Exports
	Water	Fuel	Total	Maritime Provinces:	Quebec	Ontario	Prairie Provinces:	British Columbia	Prairie Provinces:	Other Provinces:					
January, 1933	1,366,358	30,303	1,396,661	44,557	785,142	318,039	116,099	102,521	18,230	12,073	48,018				
October, "	1,589,215	28,536	1,617,751	55,778	878,097	434,037	111,937	109,366	15,390	13,146	127,242				
November, "	1,670,149	32,214	1,702,363	59,094	888,123	492,937	117,639	112,356	17,804	14,410	106,457				
December, "	1,675,105	32,780	1,707,885	50,520	862,635	515,568	125,544	120,838	18,403	14,377	x 99,353				
January, 1934	1,694,425	34,136	1,728,561	43,413	868,582	540,397	123,786	118,247	18,702	15,434	100,485				
B - Average Daily Output (1)															
January, 1933	44,076	978	45,054	1,438	25,327	10,259	3,745	3,307	589	389	1,549				
October, "	51,265	921	52,186	1,799	28,326	14,001	3,611	3,528	497	424	4,105				
November, "	55,671	1,074	56,745	1,970	29,604	16,431	3,921	3,745	594	480	3,549				
December, "	54,036	1,057	55,093	1,630	27,827	16,631	4,050	3,898	594	463	3,205				
January, 1934	54,659	1,101	55,760	1,401	28,019	17,432	3,993	3,814	603	498	3,241				
C - Electric Energy Consumed (2)															
	January 1933	October 1933	November 1933	December 1933	January 1934	October 1933	November 1933	December 1933	January 1934						
Maritime Provinces.....	55,271	67,743	72,196	x 63,416	57,386	6,022	9,052	3,422	-						
Quebec .....	604,887	648,017	704,340	694,332	690,282	x 216,567	x 279,115	x 286,068	276,787						
Ontario .....	451,516	538,037	571,521	585,874	619,622	51,540	77,389	81,844	85,965						
Prairie Provinces .....	135,351	128,372	136,521	145,102	143,849	(3) 17,360	(3) 25,883	(3) 30,224	30,754						
British Columbia.....	101,618	108,375	111,328	119,808	116,936	156	159	194	187						
Total .....	1,348,643	1,490,544	1,595,906	x1,608,532	1,628,075	x 291,645	x 391,598	x 401,752	393,693						
(1) No allowance is made for the effect of holidays, Sundays or Saturdays. (2) Production plus provincial imports less provincial exports.															
(3) Manitoba only. x - Revised data.															
22/2/34															

Total .....	1,348,643	1,414,000
(1) No allowance is made for the effect of inflation		
(3) Manitoba only. x - Revised data.		

(3) Manitoba only.



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OTTAWA

No. 2

Dominion Statistician, R.H. Coats, B.A., T.S.S., (Hon.). F.R.S.C.  
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

FEBRUARY 1934

Central electric stations in Canada produced 1,612,680,000 kilowatt hours during February, as against 1,299,580,000 kilowatt hours in February last year. The daily average of 57,595,000 kilowatt hours was a new high record, exceeding the previous record made in January 1934 by 3.6 per cent. Exports to the United States, amounting to 102,150,000 kilowatt hours, were 120 per cent greater than in 1933 and on a daily basis were 11.6 per cent greater than in January 1934. Deliveries to electric boilers amounted to 384,609,000 kilowatt hours, or 31.1 per cent over February 1933 deliveries, and on a daily basis 6.6 per cent greater than in January this year.

Deducting the exports and boiler consumption leaves 1,125,920,000 kilowatt hours for lighting, power and line losses in Canada, as against 960,342,000 kilowatt hours in February 1933 and 1,122,301,000 kilowatt hours in February 1930 which was the next highest February. The adjusted index number for this figure, however, at 150.8, was below the peak of 155.8 reached in May 1930.

Output of Central Electric Stations in Canada  
(Thousands of Kilowatt Hours)

	Monthly Data			Daily Averages 1/		
	: January : 1934	: February : : 1934	: February : : 1933	: January : : 1934	: February : : 1934	: February : : 1933
<u>Generated by Water Power</u>						
Maritime Provinces .....	43,413	38,147	33,157	1,401	1,363	1,185
Quebec .....	x868,589	805,145	718,527	28,019	28,755	25,662
Ontario .....	x535,436	525,784	323,816	x17,272	18,778	11,564
Prairie Provinces.....	123,786	112,122	104,085	3,995	4,004	3,717
British Columbia .....	118,247	103,246	93,542	3,814	3,687	3,341
Total .....	x1,689,471	1,584,444	1,273,127	x54,499	56,587	45,469
<u>Generated by Fuel</u>						
Prairie Provinces .....	18,702	16,149	16,217	603	577	579
Other Provinces .....	15,434	12,026	10,236	498	431	366
Total .....	34,136	28,235	26,453	1,101	1,008	945
Grand Total .....	x1,723,607	1,612,679	1,299,580	x55,600	57,595	46,414
Exports .....	100,485	102,150	46,440	3,241	3,648	1,659
<u>Provincial Consumption 2/</u>						
				<u>Deliveries to Electric Boilers</u>		
Maritime Provinces.....	57,386	48,907	42,432	...	...	4,694
Quebec .....	x690,290	646,455	549,338	276,787	266,777	230,192
Ontario .....	x614,661	583,529	447,386	x91,088	87,979	36,607
Prairie Provinces .....	143,849	127,332	121,358	+ 30,754	+ 29,699	+21,147
British Columbia .....	116,936	102,128	92,575	187	154	157
Total .....	x1,623,122	1,508,251	1,253,159	x398,816	384,609	292,797

1/ No allowance is made for the effect of holidays, Sundays or Saturdays.

2/ Production plus provincial imports less provincial exports.

+ Manitoba only.

x Revised data.

20/3/34





DEPARTMENT OF TRADE AND COMMERCE  
DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
OTTAWA

No. 3

Dominion Statistician, R.H. Coats, B.A., F.S.S., (Hon.), F.R.S.C.  
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

MARCH, 1934

Central electric stations in Canada created new high records in March in both monthly and daily outputs. Total production for the month was 1,795,616,000 kilowatt hours and the average daily output was 57,923,000 kilowatt hours which exceeded the previous daily record of 57,595,000 kilowatt hours made last February by .6 per cent. The index number, adjusted for seasonal variations, rose from 167.13 in February to 174.74 which was also a new high point. Exports to the United States, amounting to 112,114,000 kilowatt hours, averaged 3,617,000 as against 3,648,000 kilowatt hours per day in February. Deliveries to electric boilers at 432,393,000 kilowatt hours was also a new high record.

Total production less exports and deliveries to electric boilers amounted to 1,251,109,000 kilowatt hours and the index number rose to 156.45, exceeding the previous peak reached in May 1930 by .66 and the index number for February by 5.69 points.

Output of Central Electric Stations in Canada  
(Thousands of Kilowatt Hours)

	Monthly Data			Daily Averages <sup>1/</sup>		
	: February : 1934	: March : 1934	: March : 1933	: February : 1934	: March : 1934	: March : 1933
<u>Generated by Water Power</u>						
Maritime Provinces.....	38,147	42,019	40,477	1,363	1,355	1,305
Quebec .....	805,145	881,766	747,878	28,755	28,444	24,125
Ontario .....	525,784	603,517	350,959	18,778	19,468	11,321
Prairie Provinces .....	112,122	122,904	108,015	4,004	3,965	3,485
British Columbia .....	103,246	117,419	99,533	3,687	3,788	3,211
Total .....	1,584,444	1,767,625	1,346,862	56,587	57,020	43,447
<u>Generated by Fuel</u>						
Prairie Provinces .....	16,149	15,376	15,388	577	496	496
Other Provinces .....	12,086	12,615	8,810	431	407	284
Total .....	28,235	27,991	24,198	1,008	903	780
Grand Total .....	1,612,679	1,795,616	1,371,060	57,595	57,923	44,227
Exports .....	x 102,151	112,114	45,343	3,648	3,617	1,463
	Provincial Consumption <sup>2/</sup>			Deliveries to Electric Boilers		
Maritime Provinces .....	48,907	53,045	48,085	....	....	5,329
Quebec .....	x 646,249	712,029	575,308	266,777	303,731	236,576
Ontario .....	x 583,835	662,576	479,322	87,979	97,487	39,730
Prairie Provinces .....	127,132	136,924	124,519	429,699	431,008	419,752
British Columbia .....	102,128	116,217	98,483	154	167	184
Total .....	1,508,251	1,680,791	1,325,717	384,609	432,393	301,571

1/ No allowance is made for the effect of holidays, Sundays or Saturdays.

2/ Production plus provincial imports less provincial exports.

+ Manitoba only.

x Revised data.

20/4/34





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OTTAWA

57-001

No. 4

Dominion Statistician, R.H. Coats, B.A., F.S.S., (Hon.), F.R.S.C.  
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

## OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

APRIL, 1934

The output of central electric stations during April declined from the peak reached in March to 1,696,646,000 kilowatt hours, a decrease of 99,243,000 kilowatt hours or, on a daily basis, a decrease of 2.4 per cent. This was more than the usual seasonal decrease and the index number dropped from 174.76 to 172.66 which, however, was the second highest during the past eleven years. Exports to the United States decreased by 49,015,000 kilowatt hours, or from 112,114,000 kilowatt hours in March to 63,099,000 kilowatt hours. Deliveries to electric boilers reached a new high record at 474,738,000 kilowatt hours, exceeding the previous record made in March by 42,345,000 kilowatt hours, or 9.8 per cent.

Output less exports and deliveries to electric boilers amounted to 1,158,809,000 kilowatt hours and the index number dropped from 156.48 for March to 151.96.

### Output of Central Electric Stations in Canada (Thousands of Kilowatt Hours)

	Monthly Data			Daily Averages <sup>1/</sup>		
	March 1934	April 1934	April 1933	March 1934	April 1934	April 1933
<u>Generated By Water Power</u>						
Maritime Provinces.....	42,019	49,230	43,968	1,355	1,641	1,465
Quebec .....	881,766	925,386	703,886	28,444	30,846	23,463
Ontario .....	x603,773	473,761	338,386	x19,476	15,792	11,280
Prairie Provinces .....	122,904	114,286	97,162	3,965	3,810	3,239
British Columbia .....	117,419	109,943	92,018	3,788	3,665	3,067
Total .....	x1,767,881	1,672,606	1,275,420	x57,028	55,754	42,514
<u>Generated by Fuel</u>						
Prairie Provinces .....	x15,393	12,152	12,122	496	405	404
Other Provinces .....	12,615	11,888	9,263	407	396	309
Total .....	x28,008	24,040	21,385	903	801	713
GRAND TOTAL .....	x1,795,889	1,696,646	1,296,805	x57,931	56,555	43,227
Exports .....	112,114	63,099	35,272	3,617	2,103	1,176
	Provincial Consumption <sup>2/</sup>			Deliveries to Electric Boilers		
Maritime Provinces .....	53,045	59,956	52,112	.....	4,013	8,951
Quebec .....	712,029	741,218	557,815	303,731	367,805	230,226
Ontario .....	x662,832	595,936	450,291	97,487	78,383	39,188
Prairie Provinces .....	x139,652	127,928	110,280	+ 31,008	+24,377	+13,013
British Columbia .....	116,217	108,508	91,935	167	160	138
Total .....	x1,683,775	1,633,546	1,261,533	432,393	474,738	291,516

1/ No allowance is made for the effect of holidays, Sundays or Saturdays.

2/ Production plus provincial imports less provincial exports.

+ Manitoba only.

x Revised data.

19/5/34





No. 5.

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.).  
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

MAY, 1934

Central electric stations in Canada produced 1,829,681,000 kilowatt hours during May which is the greatest output yet recorded for any month and the index number rose from 174.76 for March, the previous high, and 172.66 for April to 182.43. The exports to the United States amounted to 110,997,000 kilowatt hours and the deliveries to electric boilers to 458,642,000 kilowatt hours. The output less the exports and deliveries to electric boilers amounted to 1,260,042,000 kilowatt hours, which was exceeded only in October, November and December, 1929. After correction for seasonal variations, as experienced 1924-1933, the index number for this was 161.77, an increase of 5.29 points above the previous record made last March and 5.98 points above the next highest index number of May, 1930. From August, 1930, to April, 1933, each month recorded a decrease from the corresponding month of the previous year in output less exports and boiler deliveries, but since May, 1933, each month has recorded an increase and the greatest increase was made last May with an improvement of 23 per cent over May, 1933.

Output of Central Electric Stations in Canada  
(Thousands of Kilowatt Hours)

	Monthly Data			Daily Averages 1/		
	April 1934	May 1934	May 1933	April 1934	May 1934	May 1933
<u>Generated by Water Power</u>						
Maritime Provinces.....	49,250	55,819	50,146	1,641	1,833	1,618
Quebec .....	925,386	1,036,240	757,717	30,846	33,427	24,442
Ontario .....	473,761	488,845	335,789	15,792	15,769	10,832
Prairie Provinces.....	114,286	106,836	90,707	3,810	3,446	2,926
British Columbia .....	109,943	115,425	94,011	3,665	3,724	3,033
Total .....	1,672,606	1,804,165	1,328,370	55,754	58,199	42,851
<u>Generated by Fuel</u>						
Prairie Provinces.....	12,152	12,503	12,511	405	403	404
Other Provinces .....	11,588	13,013	9,061	396	420	292
Total .....	24,040	25,516	21,572	801	823	696
<b>GRAND TOTAL .....</b>	<b>1,696,646</b>	<b>1,829,681</b>	<b>1,349,942</b>	<b>56,555</b>	<b>59,022</b>	<b>43,547</b>
<u>Exports .....</u>	<u>63,105</u>	<u>110,997</u>	<u>42,874</u>	<u>2,103</u>	<u>3,581</u>	<u>1,383</u>
	<u>Provincial Consumption 2/</u>			<u>Deliveries to Electric Boilers</u>		
Maritime Provinces .....	59,956	68,886	58,373	4,013	4,619	6,069
Quebec .....	74,213	814,529	588,603	367,805	365,391	234,169
Ontario .....	595,936	600,497	462,856	73,383	73,037	37,452
Prairie Provinces .....	127,928	120,895	104,442	424,377	415,440	+ 5,232
British Columbia .....	108,508	113,877	92,794	160	155	167
Total .....	1,633,541	1,718,684	1,307,068	474,738	458,642	283,089

- 1/ No allowance is made for the effect of holidays, Sundays or Saturdays.  
2/ Production plus provincial imports less provincial exports.  
+ Manitoba only.  
x Revised data.

20/6/34





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DOMINION BUREAU OF STATISTICS  
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OTTAWA

No. 6

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.).  
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

JUNE, 1934

Central electric stations failed to maintain their rate of output during May, the total for June declining to 1,708,291,000 kilowatt hours. The index number, however, adjusted for the number of days in each month and other seasonal factors, was 179.43 and was exceeded only by 182.43 for May. Exports to the United States increased from a daily average of 3,581,000 kilowatt hours in May to 3,788,000 kilowatt hours and deliveries to electric boilers declined from a daily average of 1,479,000 kilowatt hours to 1,396,000 kilowatt hours. Total production less exports and deliveries to electric boilers amounted to 1,175,802,000 kilowatt hours and the index number at 157.54 was also second only to that of May and was 21 points or 15 per cent above the June 1933 index number.

Output of Central Electric Stations in Canada  
(Thousands of Kilowatt Hours)

	Monthly Data			Daily Averages 1/		
	May 1934	June 1934	June 1933	May 1934	June 1934	June 1933
<b>Generated by Water Power</b>						
Maritime Provinces.....	56,819	56,933	54,152	1,833	1,898	1,805
Quebec .....	1,036,240	963,547	774,039	33,427	32,118	25,802
Ontario .....	488,845	468,008	349,167	15,769	15,600	11,639
Prairie Provinces.....	106,836	78,133	80,471	3,446	2,605	2,682
British Columbia .....	115,425	114,975	91,438	3,724	3,832	3,048
Total .....	1,804,615	1,681,596	1,349,267	58,199	56,053	44,976
<b>Generated by Fuel</b>						
Prairie Provinces .....	12,503	12,221	12,210	403	407	407
Other Provinces .....	13,013	14,474	9,423	420	483	314
Total .....	25,516	26,695	21,633	823	890	721
<b>GRAND TOTAL .....</b>	<b>1,829,681</b>	<b>1,708,291</b>	<b>1,370,900</b>	<b>59,022</b>	<b>56,943</b>	<b>45,697</b>
<b>Exports .....</b>	<b>111,000</b>	<b>113,633</b>	<b>86,673</b>	<b>3,581</b>	<b>3,788</b>	<b>2,889</b>
	Provincial Consumption 2/			Deliveries to Electric Boilers		
Maritime Provinces.....	68,886	70,509	63,042	4,619	7,030	9,507
Quebec .....	x806,947	745,832	579,313	365,391	347,731	221,741
Ontario .....	x603,076	572,949	457,752	73,037	60,697	33,121
Prairie Provinces .....	120,895	91,654	93,956	+15,440	+ 3,259	+ 623
British Columbia .....	113,877	113,709	90,144	155	133	153
Total .....	x1,718,681	1,594,653	1,234,227	458,642	418,850	265,145

1/ No allowance is made for the effect of holidays, Sundays or Saturdays.

2/ Production plus provincial imports less provincial exports.

+ Manitoba only.

x Revised data.

20/7/34





DEPARTMENT OF TRADE AND COMMERCE  
DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
OTTAWA

No. 7.

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.).  
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

JULY, 1934

The output of Canadian central electric stations during July amounted to 1,621,314,000 kilowatt hours, or a daily average of 52,300,000 kilowatt hours. This was a decrease from the June daily output of 4,654,000 kilowatt hours, or 8.2 per cent, and the index number dropped from 179.47 to 164.76, the lowest since January. This decrease was largely in exports, which decreased from 113,640,000 kilowatt hours in June to 105,848,000 kilowatt hours, and in deliveries to electric boilers which decreased from 418,850,000 kilowatt hours in June to 342,658,000 kilowatt hours. Deducting these two items from the total output leaves 1,172,807,000 kilowatt hours for July, or a daily average of 37,832,000 kilowatt hours as against 39,205,000 kilowatt hours in June, (July has been the lowest month of the year during 1924-34.) and the index number declined from 157.59 to 157.32. This, however, has been exceeded only by the May and June 1934 index numbers.

Output of Central Electric Stations in Canada  
(Thousands of Kilowatt Hours)

	Monthly Data			Daily Averages 1/		
	June 1934	July 1934	July 1933	June 1934	July 1934	July 1933
<u>Generated by Water Power</u>						
Maritime Provinces.....	56,933	56,226	53,130	1,898	1,814	1,714
Quebec .....	963,547	904,257	818,059	32,118	29,170	26,389
Ontario .....	x 468,349	434,224	374,262	x15,611	14,007	12,073
Prairie Provinces.....	78,133	81,788	81,191	2,605	2,638	2,619
British Columbia .....	114,975	118,233	93,210	3,832	3,814	3,007
Total .....	x1,681,937	1,594,728	1,419,853	x56,064	51,443	45,802
<u>Generated by Fuel</u>						
Prairie Provinces.....	12,221	12,474	12,518	407	402	404
Other Provinces.....	14,474	14,112	10,286	483	455	331
Total .....	26,695	26,586	22,804	890	857	735
GRAND TOTAL .....	x1,708,632	1,621,314	1,442,657	x56,954	52,300	46,537
Exports .....	x 113,640	105,848	119,192	3,788	3,414	3,854
	Provincial Consumption 2/			Deliveries to Electric Boilers		
Maritime Provinces.....	70,509	69,126	62,497	7,030	7,152	8,519
Quebec .....	745,830	694,293	604,186	347,731	280,670	223,257
Ontario .....	x 573,290	539,509	469,858	60,697	51,581	32,865
Prairie Provinces .....	91,654	95,547	94,825	+ 3,259	+ 3,114	+ 2,049
British Columbia .....	113,708	116,990	92,098	133	141	140
Total .....	x1,594,991	1,515,465	1,323,464	418,850	342,658	266,830

- 1/ No allowance is made for the effect of holidays, Sundays or Saturdays.  
2/ Production plus provincial imports less provincial exports.  
+ Manitoba only.  
x Revised data.

21/9/34



DEPARTMENT OF TRADE AND COMMERCE  
DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
OTTAWA

No. 8.

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.).  
Chief, Transportation & Public Utilities Branch, G.S. Wrong, B.Sc.

OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

AUGUST, 1934

The output of central electric stations in Canada during August amounted to 1,658,742,000 kilowatt hours, or a daily average of 53,508,000 kilowatt hours. This was 2.3 per cent above the July daily output but below the averages of the previous six months. The index number, adjusted for seasonal variations, was 172.30 as against 171.02 for July and 182.54 for May, the highest yet reached. Exports increased from 105,866,000 kilowatt hours in July to 115,988,000 and deliveries to electric boilers from 342,658,000 kilowatt hours to 351,103,000 kilowatt hours. The index number for the output less these two items was 157.00, as against 157.32 for July, 157.59 for June and 161.92 for May, the only months having higher index numbers. This index number for August last year was 147.22 and for August 1929, which was the previous high August, it was 151.42.

Output of Central Electric Stations in Canada  
(Thousands of Kilowatt Hours)

	Monthly Data			Daily Averages 1/		
	July 1934	August 1934	August 1933	July 1934	August 1934	August 1933
<u>Generated by Water Power</u>						
Maritime Provinces.....	56,226	50,168	43,785	1,814	1,619	1,413
Quebec .....	904,257	893,365	865,746	29,170	28,818	27,927
Ontario .....	434,224	472,388	392,773	14,007	15,238	12,670
Prairie Provinces .....	81,788	92,724	83,178	2,638	2,991	2,683
British Columbia .....	118,233	121,985	97,649	3,814	3,935	3,150
Total .....	1,594,728	1,630,630	1,483,131	51,443	52,601	47,843
<u>Generated by Fuel</u>						
Prairie Provinces .....	12,474	14,176	13,296	402	457	429
Other Provinces .....	14,112	13,936	11,789	455	450	380
Total .....	26,586	28,112	25,085	857	907	809
GRAND TOTAL .....	1,621,314	1,658,742	1,508,216	52,300	53,508	48,652
Exports .....	x 105,866	115,988	109,592	x 3,415	3,742	3,535
	Provincial Consumption 2/			Deliveries to Electric Boilers		
Maritime Provinces .....	69,126	62,864	54,291	7,152	3,267	1,271
Quebec .....	x 694,288	691,320	649,229	280,670	279,653	244,788
Ontario .....	539,509	559,645	500,973	51,581	64,622	39,807
Prairie Provinces .....	95,547	108,220	97,701	+ 3,114	+ 3,423	+ 1,241
British Columbia .....	x 116,978	120,705	96,430	141	138	120
Total .....	x 1,515,448	1,542,754	1,398,624	342,658	351,103	287,227

- 1/ No allowance is made for the effect of holidays, Sundays or Saturdays.  
2/ Production plus provincial imports less provincial exports.  
+ Manitoba only.  
x Revised data.





DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
OTTAWA

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.)  
Chief, Transportation & Public Utilities Branch, G.S. Wrong, B.Sc.

SEPTEMBER, 1934

Central electric stations in Canada failed to maintain the rate of production of the preceding seven months and the output dropped from 1,630,784,000 kilowatt hours for August to 1,597,283,000 kilowatt hours. The average daily output also was less and the index number adjusted for seasonal variations declined from 172.31 to 166.11. This index number has not been exceeded by any month of preceding years and the output was 9 per cent over that of September, 1933. Exports to the United States amounted to 107,116,000 kilowatt hours, as against 115,988,000 kilowatt hours in August and 122,907,000 kilowatt hours in September last year. Electric boilers took 327,480,000 kilowatt hours, as against 351,103,000 kilowatt hours in August and 249,033,000 in September, 1933. The index number of firm power consumption dropped from 157.02 in August to 155.03, which was exceeded only twice in 1930 and in March and May to August this year.

Output of Central Electric Stations in Canada  
(Thousands of Kilowatt Hours)

	Monthly Data			Daily Averages 1/		
	August 1934	September 1934	September 1933	August 1934	Sept. 1934	Sept. 1933
<b>Generated by Water Power</b>						
Maritime Provinces .....	50,168	40,557	44,478	1,619	1,352	1,483
Quebec .....	893,365	852,236	829,045	28,818	28,408	27,635
Ontario .....	472,388	472,978	400,098	15,238	15,766	13,337
Prairie Provinces .....	x 92,878	109,400	90,253	x 2,996	3,647	3,008
British Columbia .....	121,985	122,112	98,617	3,935	4,070	3,287
Total .....	x1,630,784	1,597,283	1,462,491	x52,606	53,243	48,750
<b>Generated by Fuel</b>						
Prairie Provinces .....	14,176	14,480	13,720	457	483	457
Other Provinces .....	13,936	15,526	13,111	450	517	437
Total .....	28,112	30,006	26,831	907	1,000	894
<b>GRAND TOTAL</b> .....	x1,658,896	1,627,289	1,489,322	x53,513	54,243	49,644
<b>Exports</b> .....	115,988	107,116	122,907	3,742	3,571	4,097

	Provincial Consumption 2/			Deliveries to Electric Boilers		
Maritime Provinces .....	62,864	54,865	56,414	3,267	1,317	1,160
Quebec .....	691,320	646,467	610,489	279,653	243,449	207,085
Ontario .....	559,645	572,792	496,911	64,622	68,574	36,913
Prairie Provinces .....	108,220	124,918	104,941	+ 3,423	+14,008	+3,746
British Columbia .....	120,705	121,131	97,661	138	132	129
Total .....	1,542,754	1,520,173	1,366,416	351,103	327,480	249,033

- 1/ No allowance is made for the effect of holidays, Sundays or Saturdays.  
2/ Production plus provincial imports less provincial exports.  
+ Manitoba only.  
x Revised data.





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DEPARTMENT OF TRADE AND COMMERCE  
DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
OTTAWA

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.)  
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

OCTOBER, 1934

The output of central electric stations in Canada during October amounted to 1,853,388,000 kilowatt hours, or a daily average of 59,787,000 kilowatt hours. This was an increase over the September average of 10.2 per cent and over the October, 1933, average of 14.6 per cent. The index number, after adjustment for seasonal variations as experienced in 1924-1933, rose from 166.11 for September to 173.59, which was exceeded only in March, May and June of this year.

Output less exports to the United States and deliveries to electric boilers also showed an increase from 1,192,695,000 kilowatt hours in September to 1,312,982,000 kilowatt hours and established a new high record, the previous high being for January, 1930. Its index number after adjustment, 156.84, was higher than for any previous October, but was lower than for May, June, July and August, 1934.

Consumption in Quebec jumped from 646,469,000 kilowatt hours in September to 777,796,000 kilowatt hours, or by 20.3 per cent. Over 42 per cent of this power was delivered to electric boilers in the province. The Maritime Provinces' consumption increased 15.2 per cent, Ontario's by 12.2 per cent, the Prairie Provinces' by 11.7 per cent and British Columbia's by 1.8 per cent; the extra day would mean an increase of about 5.3 per cent.

Deliveries to electric boilers amounted to 433,285,000 kilowatt hours. This total has been exceeded only twice, in April and May of this year, and was 49 per cent greater than the October, 1933, total.

Exports to the United States increased from 107,114,000 kilowatt hours in September to 107,122,000 kilowatt hours, but the daily average declined 3.2 per cent and was 15.8 per cent below the October, 1933, average.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>MONTHLY OUTPUTS</u>						
<u>Generated by Water Power</u>						
Oct. 1934	1,821,707	48,823	1,009,596	516,425	122,455	124,408
Sept. 1934	1,597,283	40,557	852,236	472,978	109,400	122,112
Oct. 1933	1,589,072	55,778	878,097	434,037	111,937	109,223
<u>Generated by Fuel</u>						
Oct. 1934	31,681	15,649	...	50	15,870	112
Sept. 1934	30,006	15,403	...	30	14,480	93
Oct. 1933	28,536	13,081	...	12	15,389	54
<u>Total Output</u>						
Oct. 1934	1,853,388	64,472	1,009,596	516,475	138,325	124,520
Sept. 1934	1,627,289	55,960	852,236	473,008	123,880	122,205
Oct. 1933	1,617,608	68,859	878,097	434,049	127,326	109,277
<u>PROVINCIAL CONSUMPTIONS<sup>1/</sup></u>						
Oct. 1934	1,746,267	63,231	777,796	642,430	139,491	123,319
Sept. 1934	1,520,175	54,865	646,469	572,792	124,918	121,131
Oct. 1933	1,490,365	67,743	638,749	547,305	128,372	108,196

INDEX NUMBER

	January	February	March	April	May	June
						<u>TOT</u>
1930	147.98	144.89	147.47	152.89	154.01	150.69
1931	141.69	138.76	137.95	143.60	136.17	135.48
1932	134.57	137.33	135.14	135.30	126.73	125.86
1933	132.93	134.68	133.42	131.97	134.59	143.99
1934	164.21	167.31	174.90	172.79	182.54	179.47
<u>OUTPUT LESS EXPORTS A</u>						
1930	155.62	150.28	151.67	154.97	155.79	150.92
1931	144.18	140.98	143.01	147.18	144.44	143.78
1932	138.14	141.48	136.90	133.28	128.35	124.96
1933	129.83	128.59	128.07	127.21	131.46	136.54
1934	149.81	151.00	156.66	152.13	161.92	157.58

1/ Production plus provincial imports less provincial exports.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS<sup>2/</sup></u>					
58,765	1,575	32,568	16,659	3,950	4,013
53,243	1,352	28,408	15,766	3,647	4,070
51,260	1,799	28,326	14,001	3,611	3,523
1,022	505	...	1	512	4
1,000	513	...	1	483	3
921	422	...	...	497	2
59,787	2,080	32,568	16,660	4,462	4,017
54,243	1,865	28,408	15,767	4,130	4,073
52,181	2,221	28,326	14,001	4,108	3,525
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
433,285	3/ 3,159	326,539	83,284	4/ 20,151	152
327,480	3/ 1,317	243,449	68,574	4/ 14,008	132
291,645	3/ 6,022	216,567	51,540	4/ 17,360	156

verage, 1926 = 100)

July	August	September	October	November	December
<u>OUTPUT</u>					
150.38	146.65	147.30	147.48	142.70	143.68
131.99	130.48	131.52	133.78	133.25	133.42
121.89	127.79	130.57	130.20	136.38	133.52
152.17	156.66	152.03	151.51	160.31	159.11
171.02	172.31	166.11	173.59		
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
151.46	146.18	147.43	146.75	143.20	143.80
139.38	136.59	138.86	137.18	136.18	136.58
121.09	125.29	128.80	126.69	135.18	129.99
141.74	146.43	145.24	143.19	144.84	142.73
157.32	157.02	155.03	156.84		

/ No allowance is made for the effect of holidays, Sundays or Saturdays.  
/ New Brunswick only.  
/ Manitoba only.



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1930	1931	1932	1933	1934
January	1,554,812	1,488,721	1,413,918	1,396,661	1,725,264
February	1,398,096	1,338,988	1,325,133	1,299,580	1,614,425
March	1,515,465	1,417,558	1,388,697	1,371,060	1,797,333
April	1,502,338	1,411,090	1,329,489	1,296,805	1,697,909
May	1,544,627	1,365,786	1,271,015	1,349,942	1,830,861
June	1,434,611	1,289,828	1,198,232	1,370,901	1,708,632
July	1,425,690	1,251,323	1,155,581	1,442,657	1,621,314
August	1,411,861	1,256,149	1,230,220	1,508,216	1,658,896
September	1,442,962	1,288,413	1,279,140	1,489,322	1,627,289
October	1,574,560	1,428,342	1,390,144	1,617,608	1,853,388
Sub Total	14,795,022	13,536,198	12,981,569	14,142,752	17,135,312
November	1,515,403	1,415,020	1,448,227	1,702,363	
December	1,542,308	1,432,182	1,433,191	1,707,886	
TOTAL	17,862,733	16,383,400	15,862,987	17,553,001	
EXPORTS TO THE UNITED STATES					
January	112,625	162,443	61,767	48,018	100,485
February	117,176	145,498	52,422	46,440	102,151
March	126,894	127,985	55,414	45,343	112,115
April	117,504	97,677	54,982	35,272	63,105
May	129,138	86,824	51,354	42,874	111,000
June	136,016	88,602	64,864	86,673	113,640
July	131,817	95,085	59,015	119,192	105,866
August	142,571	99,781	69,192	109,592	115,988
September	153,657	93,288	71,500	122,907	107,114
October	161,323	95,423	50,737	127,243	107,122
Sub Total	1,328,721	1,092,606	591,247	783,554	1,038,586
November	141,587	73,357	35,023	106,457	
December	149,295	69,362	41,610	99,353	
TOTAL	1,619,603	1,235,325	667,880	989,364	
OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS					
January	1,273,491	1,179,856	1,130,430	1,062,447	1,225,962
February	1,122,302	1,052,887	1,056,607	960,342	1,127,664
March	1,212,901	1,143,625	1,094,779	1,024,147	1,252,827
April	1,181,750	1,122,294	1,016,348	970,017	1,160,066
May	1,213,472	1,125,041	999,749	1,023,979	1,261,219
June	1,126,485	1,072,893	932,648	1,019,082	1,176,141
July	1,129,110	1,039,037	902,740	1,056,634	1,172,789
August	1,109,551	1,036,736	950,994	1,111,397	1,191,805
September	1,134,245	1,068,277	990,920	1,117,383	1,192,695
October	1,228,479	1,148,387	1,060,554	1,198,720	1,312,982
Sub Total	11,731,786	10,989,033	10,135,769	10,544,148	12,074,150
November	1,190,704	1,132,312	1,123,982	1,204,309	
December	1,215,794	1,154,705	1,099,017	1,206,780	
TOTAL	14,138,284	13,276,050	12,358,768	12,955,237	

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Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)  
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADANOVEMBER, 1934

The output of central electric stations in Canada reached a new high record in November at 1,953,464,000 kilowatt hours and the index number of 183.95 was also a new record, exceeding the previous peak attained in May 1934 by 1.41 points. The cumulative total output for the eleven months, January-November, was 19,088,780,000 kilowatt hours and was 2,768,355,000 kilowatt hours, or 17 per cent, above the 1930 output which was the previous peak year. The increase over 1933 output was 3,243,665 kilowatt hours, or 20 per cent.

Exports to the United States dropped from 107,122,000 kilowatt hours in October to 99,711,000, or a decrease on a daily basis of one per cent. Exports to the end of November amounted to 1,138,297,000 kilowatt hours, as against 890,011,000 kilowatt hours for the first eleven months in 1933 and 626,270,000 kilowatt hours in 1932.

Deliveries to electric boilers increased to 537,961,000 kilowatt hours. This also was a new high record, being 24 per cent above the October deliveries, 37 per cent over the November 1933 figure, and 13 per cent over the previous high record made in April, 1934.

Total output less exports and deliveries to electric boilers amounted to 1,315,782,000 kilowatt hours, as against 1,313,199,000 kilowatt hours for October and 1,204,309,000 kilowatt hours for November 1933. This was higher than for any previous month but, after adjusting for seasonal variations, the index number of 158.25 was second highest, the index number of 161.92 for May 1934 being first.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>MONTHLY OUTPUTS</u>						
<u>Generated by Water Power</u>						
Nov. 1934	1,918,168	60,097	1,084,381	524,313	122,755	126,622
Oct. 1934	1,821,707	48,823	1,009,596	516,425	122,455	124,408
Nov. 1933	1,670,149	59,094	888,123	492,937	117,639	112,356
<u>Generated by Fuel</u>						
Nov. 1934	35,296	16,236	...	49	18,880	131
Oct. 1934	x 31,685	15,649	...	50	x15,874	112
Nov. 1933	32,214	14,280	...	40	17,803	91
<u>Total Output</u>						
Nov. 1934	1,953,464	76,333	1,084,381	524,362	141,635	126,753
Oct. 1934	x1,853,392	64,472	1,009,596	516,475	x138,329	124,520
Nov. 1933	1,702,363	73,374	888,123	492,977	135,442	112,447
<u>PROVINCIAL CONSUMPTIONS</u> <sup>1/</sup>						
Nov. 1934	1,853,753	75,244	846,008	664,151	142,831	125,519
Oct. 1934	x1,746,271	63,231	777,796	642,430	x139,495	123,319
Nov. 1933	1,595,906	72,196	697,016	578,845	136,521	111,328

INDEX NUMBER

	January	February	March	April	May	June
<u>TOTAL</u>						
1930	147.98	144.89	147.47	152.89	<u>154.01</u>	150.69
1931	141.69	138.76	137.95	<u>143.60</u>	<u>136.17</u>	135.48
1932	134.57	<u>137.33</u>	135.14	<u>135.30</u>	<u>126.73</u>	125.86
1933	132.93	<u>134.68</u>	133.42	131.97	<u>134.59</u>	143.99
1934	164.21	167.31	174.90	172.79	182.54	179.47
<u>OUTPUT LESS EXPORTS AND</u>						
1930	155.62	150.28	151.67	154.97	<u>155.79</u>	150.93
1931	144.18	140.98	143.01	<u>147.18</u>	<u>144.44</u>	143.75
1932	138.14	<u>141.48</u>	136.90	<u>133.28</u>	128.35	124.96
1933	129.83	<u>128.59</u>	128.07	127.21	<u>131.46</u>	136.54
1934	149.81	151.00	156.66	152.13	<u>161.92</u>	157.59

1/ Production plus provincial imports less provincial exports.

x - Revised.



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS</u> <sup>2/</sup>					
63,939	2,003	36,146	17,477	4,092	4,221
58,765	1,575	32,568	16,659	3,950	4,013
55,672	1,970	29,604	16,431	3,922	3,745
1,176	541	...	2	629	4
1,022	505	...	1	512	4
1,073	476	...	1	593	3
65,115	2,544	36,146	17,479	4,721	4,225
59,787	2,080	32,568	16,660	4,462	4,017
56,745	2,446	29,604	16,432	4,515	3,748
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
537,961	3/ 7,055	412,697	92,229	4/ 25,808	172
x433,072	3/ 3,159	x326,326	83,284	4/ 20,151	152
391,597	3/ 9,052	279,115	77,389	4/ 25,882	159

verage, 1926 = 100)

July	August	September	October	November	December
<u>OUTPUT</u>					
150.38	146.65	147.30	147.48	142.70	143.68
131.99	130.48	131.52	133.78	133.25	133.42
121.89	127.79	130.57	130.20	136.38	133.52
152.17	156.66	152.03	151.51	160.31	159.11
171.02	172.31	166.11	173.59	183.95	
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
151.46	146.18	147.43	146.75	143.20	143.80
139.38	136.59	138.86	137.18	136.18	136.58
121.09	125.29	128.80	126.69	135.18	129.99
141.74	146.43	145.24	143.19	144.84	142.73
157.32	157.02	155.03	x156.87	158.25	

No allowance is made for the effect of holidays, Sundays or Saturdays.  
New Brunswick only.  
Manitoba only.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1930	1931	1932	1933	1934
January	1,554,812	<u>1,488,721</u>	1,413,918	1,396,661	1,725,264
February	1,398,096	1,338,988	1,325,133	1,299,580	1,614,425
March	1,515,465	1,417,558	1,388,697	1,371,060	1,797,334
April	1,502,338	1,411,090	1,329,489	1,296,805	1,697,909
May	1,544,627	1,365,786	1,271,015	1,349,942	1,830,861
June	1,434,611	1,289,828	1,198,232	1,370,901	1,708,632
July	1,425,690	1,251,323	1,155,581	1,442,657	1,621,314
August	1,411,861	1,256,149	1,230,220	1,508,216	1,658,896
September	1,442,962	1,288,413	1,279,140	1,489,322	1,627,289
October	<u>1,574,560</u>	1,428,342	1,390,144	1,617,608	1,853,392
November	1,515,403	1,415,020	<u>1,448,227</u>	1,702,363	<u>1,953,464</u>
Sub Total	16,320,425	14,951,218	14,429,796	15,845,115	19,088,780
December	1,542,308	1,432,182	1,433,191	<u>1,707,886</u>	
TOTAL	17,862,733	16,383,400	15,862,987	17,553,001	
EXPORTS TO THE UNITED STATES					
January	112,625	<u>162,443</u>	61,767	48,018	100,485
February	117,176	145,498	52,422	46,440	102,151
March	126,894	127,985	55,414	45,343	112,115
April	117,504	97,677	54,982	35,272	63,105
May	129,138	86,824	51,354	42,874	111,000
June	136,016	88,602	64,864	86,673	113,640
July	131,817	95,085	59,015	119,192	105,866
August	142,571	99,781	69,192	109,592	<u>115,988</u>
September	153,657	93,288	<u>71,500</u>	122,907	107,114
October	<u>161,323</u>	95,423	50,737	<u>127,243</u>	107,122
November	141,587	73,357	35,023	106,457	99,711
Sub Total	1,470,308	1,165,963	626,270	890,011	1,138,297
December	149,295	69,362	41,610	99,353	
TOTAL	1,619,603	1,235,325	667,880	989,364	
OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS					
January	<u>1,273,491</u>	<u>1,179,856</u>	<u>1,130,430</u>	1,062,447	1,225,962
February	1,122,302	1,052,887	1,056,607	960,342	1,127,664
March	1,212,901	1,143,625	1,094,779	1,024,147	1,252,827
April	1,181,750	1,122,294	1,016,348	970,017	1,160,066
May	1,213,472	1,125,041	999,749	1,023,979	1,261,219
June	1,126,485	1,072,893	932,648	1,019,082	1,176,141
July	1,129,110	1,039,037	902,740	1,056,634	1,172,789
August	1,109,551	1,036,736	950,994	1,111,397	1,191,805
September	1,134,245	1,068,277	990,920	1,117,383	1,192,695
October	1,228,479	1,148,387	1,060,554	1,198,720	x1,313,199
November	1,190,704	1,132,312	1,123,982	1,204,309	<u>1,315,782</u>
Sub Total	12,922,490	12,121,345	11,259,751	11,748,457	13,390,149
December	1,215,794	1,154,705	1,099,017	<u>1,206,780</u>	
TOTAL	14,138,284	13,276,050	12,358,768	12,955,237	

x - Revised.

DEPARTMENT OF COMMERCE  
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Minister of Trade and Commerce.

DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
OTTAWA

No. 12

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Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.).  
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

DECEMBER, 1934

Central electric stations again broke all previous records by producing 661,092,000 kilowatt hours in December. The index number, adjusted for seasonal variations, rose to 192.02, or 8.06 points above the previous record made in November 1934 and 32.91 points above the December 1933 index. Exports to the United States at 10,511,000 kilowatt hours were higher than in November, but were not a record. Deliveries to electric boilers also reached a new high at 570,377,000 kilowatt hours which exceeded the December 1933 deliveries by 42 per cent. The index number for the output less exports and deliveries to electric boilers rose to 163.25, or 1.33 points above the record made in May 1934 and 20.52 points above the December 1933 index.

The total output for the year 1934 from these large stations, which produce over 8 per cent of all stations, amounted to 31,167,682,000 kilowatt hours. This was 20.59 per cent above the 1933 output and 18.50 per cent above the previous record made in 1930.

Total exports to the United States amounted to 1,248,811,000 kilowatt hours, as against 989,364,000 kilowatt hours in 1933 and 1,619,603,000 kilowatt hours in 1930. Deliveries to electric boilers increased from 3,608,400,000 kilowatt hours in 1933 and 4,104,846,000 kilowatt hours in 1930 to 5,130,701,000 kilowatt hours, and total output less exports and deliveries to electric boilers amounted to 14,788,171,000 kilowatt hours, or 14.15 per cent above the 1933 figure and 4.6 per cent above the previous record made in 1930.

/1/35/400



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>MONTHLY OUTPUTS</u>						
<u>Generated by Water Power</u>						
Dec. 1934	2,026,129	57,739	1,114,243	587,028	132,701	134,418
Nov. 1934	x1,918,216	x60,145	1,084,381	524,313	122,755	126,622
Dec. 1933	1,675,105	50,520	862,635	515,568	125,544	120,838
<u>Generated by Fuel</u>						
Dec. 1934	34,963	14,491	...	55	20,243	174
Nov. 1934	35,296	16,236	...	49	18,880	131
Dec. 1933	32,780	14,165	...	44	18,403	168
<u>Total Output</u>						
Dec. 1934	2,061,092	72,230	1,114,243	587,083	152,944	134,592
Nov. 1934	x1,953,512	76,381	1,084,381	524,362	141,635	126,753
Dec. 1933	1,707,885	64,685	862,635	515,612	143,947	121,006
<u>PROVINCIAL CONSUMPTIONS<sup>1/</sup></u>						
Dec. 1934	1,950,582	71,161	880,715	711,214	154,222	133,270
Nov. 1934	1,853,753	75,244	846,008	664,151	142,831	125,519
Dec. 1933	1,608,532	63,416	687,285	592,921	145,102	119,808

INDEX NUMB

	January	February	March	April	May	June
						TO
1930	147.98	144.89	147.47	152.89	154.01	150.69
1931	141.69	138.76	137.95	143.60	136.17	135.48
1932	134.57	137.33	135.14	135.30	126.73	125.86
1933	132.93	134.68	133.42	131.97	134.59	143.99
1934	164.21	167.31	174.90	172.79	182.54	179.47
<u>OUTPUT LESS EXPORTS</u>						
1930	155.62	150.28	151.67	154.97	155.79	150.93
1931	144.18	140.98	143.01	147.18	144.44	143.75
1932	138.14	141.48	136.90	133.28	128.35	124.96
1933	129.83	128.59	128.07	127.21	131.46	136.54
1934	149.81	151.00	156.66	152.13	161.92	157.59

1/ Production plus provincial imports less provincial exports.

x - Revised.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS<sup>2/</sup></u>					
65,359	1,863	35,943	18,936	4,281	4,336
x63,941	x2,005	36,146	17,477	4,092	4,221
54,036	1,630	27,827	16,631	4,050	3,898
1,128	467	...	2	653	6
1,176	541	...	2	629	4
1,057	457	...	1	594	5
66,487	2,330	35,943	18,938	4,934	4,342
x65,117	2,546	36,146	17,479	4,721	4,225
55,093	2,087	27,827	16,633	4,643	3,903
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
570,377	3/ 6,842	429,719	101,493	4/ 32,127	196
537,961	3/ 7,055	412,697	92,229	4/ 25,808	172
401,752	3/ 3,422	286,068	81,844	4/ 30,224	194

Average, 1926 = 100)

July	August	September	October	November	December
<u>OUTPUT</u>					
150.38	146.65	147.30	147.48	142.70	143.68
131.99	130.48	131.52	133.78	133.25	133.42
121.89	127.79	130.57	130.20	136.38	133.52
152.17	156.66	152.03	151.51	<u>160.31</u>	159.11
171.02	x174.18	166.11	x173.57	x183.96	<u>192.02</u>
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
151.46	146.18	147.43	146.75	143.20	143.80
139.38	136.59	138.86	137.18	136.18	136.58
121.09	125.29	128.80	126.69	135.18	129.99
141.74	<u>146.43</u>	145.24	143.19	144.84	142.73
157.32	x159.39	155.03	x156.85	158.25	<u>163.25</u>

<sup>2/</sup> No allowance is made for the effect of holidays, Sundays or Saturdays.

<sup>3/</sup> New Brunswick only.

<sup>4/</sup> Manitoba only.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1930	1931	1932	1933	1934
January	1,554,812	<u>1,488,721</u>	1,413,918	1,396,661	1,725,264
February	1,398,096	1,338,988	1,325,133	1,299,580	1,614,425
March	1,515,465	1,417,558	1,388,697	1,371,060	1,797,334
April	1,502,338	1,411,090	1,329,489	1,296,805	1,697,909
May	1,544,627	1,365,786	1,271,015	1,349,942	x1,830,820
June	1,434,611	1,289,828	1,198,232	1,370,901	1,708,632
July	1,425,690	1,251,323	1,155,581	1,442,657	1,621,314
August	1,411,861	1,256,149	1,230,220	1,508,216	x1,676,865
September	1,442,962	1,288,413	1,279,140	1,489,322	1,627,289
October	<u>1,574,560</u>	1,428,342	1,390,144	1,617,608	x1,853,226
November	1,515,403	1,415,020	<u>1,448,227</u>	1,702,363	x1,953,512
December	1,542,308	1,432,182	1,433,191	<u>1,707,886</u>	<u>2,061,092</u>
TOTAL	17,862,733	16,383,400	15,862,987	17,553,001	21,167,682
EXPORTS TO THE UNITED STATES					
January	112,625	<u>162,443</u>	61,767	48,018	100,485
February	117,176	145,498	52,422	46,440	102,151
March	126,894	127,985	55,414	45,343	112,115
April	117,504	97,677	54,982	35,272	63,105
May	129,138	86,824	51,354	42,874	111,000
June	136,016	88,602	64,864	86,673	113,640
July	131,817	95,085	59,015	119,192	105,866
August	142,571	99,781	69,192	109,592	<u>115,988</u>
September	153,657	93,288	<u>71,500</u>	122,907	107,114
October	<u>161,323</u>	95,423	50,737	<u>127,243</u>	107,122
November	141,587	73,357	35,023	106,457	x99,714
December	149,295	69,362	41,610	99,353	110,511
TOTAL	1,619,603	1,235,325	667,880	989,364	1,248,811
OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS					
January	<u>1,273,491</u>	<u>1,179,856</u>	<u>1,130,430</u>	1,062,447	1,225,962
February	1,122,302	1,052,887	1,056,607	960,342	1,127,664
March	1,212,901	1,143,625	1,094,779	1,024,147	1,252,827
April	1,181,750	1,122,294	1,016,348	970,017	1,160,066
May	1,213,472	1,125,041	999,749	1,023,979	x1,261,178
June	1,126,485	1,072,893	932,648	1,019,082	1,176,147
July	1,129,110	1,039,037	902,740	1,056,634	1,172,788
August	1,109,551	1,036,736	950,994	1,111,397	x1,209,774
September	1,134,245	1,068,277	990,920	1,117,383	1,192,693
October	1,228,479	1,148,387	1,060,554	1,198,720	x1,313,037
November	1,190,704	1,132,312	1,123,982	1,204,309	x1,315,837
December	1,215,794	1,154,705	1,099,017	<u>1,206,780</u>	<u>1,380,207</u>
TOTAL	14,138,284	13,276,050	12,358,768	12,955,237	14,788,177

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DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
OTTAWA

No. 1

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Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.).  
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

JANUARY, 1935

The output of central electric stations in Canada during January amounted to 2,013,183,000 kilowatt hours, as against 1,725,264,000 kilowatt hours for January 1934 and 2,052,940,000 kilowatt hours for December. Although the January output was slightly less than the December total the index number rose from 191.26 to 191.61, a new high record.

Exports to the United States increased from 110,508,000 kilowatt hours in December to 113,878,000 kilowatt hours. Deliveries to electric boilers dropped from 570,377,000 kilowatt hours in December to 525,845,000 kilowatt hours, probably due to smaller requirements of pulp and paper mills. The index number of the total output less exports and deliveries to electric boilers also reached a new high record at 167.84, as against 162.28 for December and 149.81 for January, 1934.

Total figures for the twelve months of 1934 have been added to this issue of the report. The total represents between 98 and 99 per cent of the output of all central electric stations in Canada, the remainder being produced by numerous small plants which do not make monthly reports to the Bureau.

20/2/35

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>MONTHLY OUTPUTS</u>						
<u>Generated by Water Power</u>						
Jan. 1935	1,978,039	54,494	1,082,667	579,166	135,701	126,011
Dec. 1934	x2,017,977	57,739	1,114,243	x578,876	132,701	134,418
Jan. 1934	1,691,128	43,413	868,589	535,501	123,786	119,839
Year 1934	20,805,726	600,219	11,356,194	6,095,373	1,320,044	1,433,896
<u>Generated by Fuel</u>						
Jan. 1935	35,144	14,197	...	50	20,134	763
Dec. 1934	34,963	14,491	...	55	20,243	174
Jan. 1934	34,136	15,294	...	47	18,702	93
Year 1934	353,804	169,458	...	384	182,773	1,189
<u>Total Output</u>						
Jan. 1935	2,013,183	68,691	1,082,667	579,216	155,835	126,774
Dec. 1934	x2,052,940	72,230	1,114,243	x578,931	152,944	134,592
Jan. 1934	1,725,264	58,707	868,589	535,548	142,488	119,932
Year 1934	21,159,530	769,677	11,356,194	6,095,757	1,502,817	1,435,085
<u>PROVINCIAL CONSUMPTIONS</u> <sup>1/</sup>						
Jan. 1935	1,899,306	67,237	837,124	712,395	157,268	125,282
Dec. 1934	x1,942,432	71,161	880,715	x703,062	154,222	133,270
Jan. 1934	1,624,779	57,386	682,898	622,118	143,849	118,528
Year 1934	19,910,723	756,227	8,868,310	7,348,723	1,518,305	1,419,158

INDEX NUMBERS

	January	February	March	April	May	June
						TOTAL
1931 <sup>1</sup>	141.69	138.76	137.95	143.60	136.17	135.48
1932	134.57	137.33	135.14	135.30	126.73	125.86
1933	132.93	134.68	133.42	131.97	134.59	143.99
1934	164.21	167.31	174.90	172.79	182.54	179.47
1935	191.61					
<u>OUTPUT LESS EXPORTS</u>						
1931	144.18	140.98	143.01	147.18	144.44	143.75
1932	138.14	141.48	136.90	133.28	128.35	124.96
1933	129.83	128.59	128.07	127.21	131.46	136.54
1934	149.81	151.00	156.66	152.13	161.92	157.59
1935	167.84					

1/ Production plus provincial imports less provincial exports.

x - Revised.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS<sup>2/</sup></u>					
63,808	1,758	34,925	18,683	4,377	4,065
x65,096	1,863	35,943	x18,673	4,281	4,336
54,552	1,400	28,019	17,274	3,993	3,866
57,002	1,644	31,113	16,700	3,617	3,928
1,134	458	...	2	649	25
1,128	467	...	2	653	6
1,101	493	...	2	603	3
969	464	...	1	501	3
64,942	2,216	34,925	18,685	5,026	4,090
x66,224	2,330	35,943	x18,675	4,934	4,342
55,653	1,893	28,019	17,276	4,596	3,869
57,971	2,108	31,113	16,701	4,118	3,931
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
525,845	3/ 1,650	379,677	108,593	4/ 35,707	218
570,377	3/ 6,842	429,719	101,493	4/ 32,127	196
398,816	3/ ...	276,787	91,088	4/ 30,754	187
5,130,699	3/44,454	3,900,736	950,454	4/233,168	1,887

(Average, 1926 = 100)

July	August	September	October	November	December
<u>OUTPUT</u>					
131.99	130.48	131.52	133.78	133.25	133.42
121.89	127.79	130.57	130.20	136.38	133.52
152.17	156.66	152.03	151.51	<u>160.31</u>	159.11
171.02	174.18	166.11	173.57	183.96	x191.26
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
139.38	136.59	138.86	137.18	136.18	136.58
121.09	125.29	128.80	126.69	135.18	129.99
141.74	<u>146.43</u>	145.24	143.19	144.84	142.73
157.32	159.39	155.03	156.85	158.25	x162.28

2/ No allowance is made for the effect of holidays, Sundays or Saturdays, etc.

3/ New Brunswick only.

4/ Manitoba only.



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1931	1932	1933	1934	1935
January	<u>1,488,721</u>	1,413,918	1,396,661	1,725,264	2,013,184
February	1,338,988	1,325,133	1,299,580	1,614,425	
March	1,417,558	1,388,697	1,371,060	1,797,334	
April	1,411,090	1,329,489	1,296,805	1,697,909	
May	1,365,786	1,271,015	1,349,942	1,830,820	
June	1,289,828	1,198,232	1,370,901	1,708,632	
July	1,251,323	1,155,581	1,442,657	1,621,314	
August	1,256,149	1,230,220	1,508,216	1,676,865	
September	1,288,413	1,279,140	1,489,322	1,627,289	
October	1,428,342	1,390,144	1,617,608	1,853,226	
November	1,415,020	<u>1,448,227</u>	1,702,363	1,953,512	
December	1,432,182	1,433,191	<u>1,707,886</u>	<u>x2,052,940</u>	
TOTAL	16,383,400	15,862,987	17,553,001	x21,159,530	
EXPORTS TO THE UNITED STATES					
January	<u>162,443</u>	61,767	48,018	100,485	113,878
February	145,498	52,422	46,440	102,151	
March	127,985	55,414	45,343	112,115	
April	97,677	54,982	35,272	63,105	
May	86,824	51,354	42,874	111,000	
June	88,602	64,864	86,673	113,640	
July	95,085	59,015	119,192	105,866	
August	99,781	69,192	109,592	<u>115,988</u>	
September	93,288	<u>71,500</u>	122,907	107,114	
October	95,423	50,737	<u>127,243</u>	107,122	
November	73,357	35,023	106,457	99,714	
December	69,362	41,610	99,353	<u>x110,508</u>	
TOTAL	1,235,325	667,880	989,364	x1,248,808	
OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS					
January	<u>1,179,856</u>	<u>1,130,430</u>	1,062,447	1,225,962	1,373,461
February	1,052,887	1,056,607	960,342	1,127,664	
March	1,143,625	1,094,779	1,024,147	1,252,827	
April	1,122,294	1,016,348	970,017	1,160,066	
May	1,125,041	999,749	1,023,979	1,261,178	
June	1,072,893	932,648	1,019,082	1,176,141	
July	1,039,037	902,740	1,056,634	1,172,789	
August	1,036,736	950,994	1,111,397	1,209,774	
September	1,068,277	990,920	1,117,383	1,192,695	
October	1,148,387	1,060,554	1,198,720	1,313,033	
November	1,132,312	1,123,982	1,204,309	1,315,837	
December	1,154,705	1,099,017	<u>1,206,780</u>	<u>x1,372,056</u>	
TOTAL	13,276,050	12,358,768	12,955,237	x14,780,022	

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Minister of Trade and Commerce.

DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
OTTAWA

No. 2

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Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.).  
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

FEBRUARY, 1935

The output of central electric stations declined from a daily average in January of 64,945,000 kilowatt hours to 64,408,000 kilowatt hours in February, the total for February being 1,803,424,000 kilowatt hours. Exports to the United States at 109,524,000 kilowatt hours were 6 per cent heavier on a daily basis than during January, but deliveries to electric boilers at 472,124,000 kilowatt hours were slightly lighter on a daily basis. The consumption of primary power in Canada amounted to 1,221,776,000 kilowatt hours, or a daily average of 43,635,000 kilowatt hours as against 44,308,000 kilowatt hours in January, and the index number dropped from 167.85 to 163.60. January, however, was the only month with a higher index number, the third highest being last December at 162.28. The index number for total output at 186.90 was lower than for January and December but higher than for any other month.

21/3/35

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>MONTHLY OUTPUTS</u>						
<u>Generated by Water Power</u>						
Feb. 1935	1,172,961	38,961	962,869	544,279	113,686	112,166
Jan. 1935	1,978,039	54,482	1,082,667	579,166	135,701	126,011
Feb. 1934	1,586,190	33,147	805,145	525,940	112,122	104,836
<u>Generated by Fuel</u>						
Feb. 1935	30,463	13,507	...	30	16,796	130
Jan. 1935	x35,243	14,197	...	50	x20,233	763
Feb. 1934	28,235	12,008	...	21	16,149	57
<u>Total Output</u>						
Feb. 1935	1,803,424	53,468	962,869	544,309	130,482	112,296
Jan. 1935	x2,013,282	68,691	1,082,667	579,216	x155,934	126,774
Feb. 1934	1,614,425	50,155	805,145	525,961	128,271	104,893
<u>Total to Date</u>						
1935	3,816,706	122,159	2,045,536	1,123,525	286,416	239,070
1934	3,339,689	108,862	1,673,734	1,061,510	270,759	224,824
<u>PROVINCIAL CONSUMPTIONS</u> 1/						
Feb. 1935	1,693,900	52,037	754,520	644,611	131,734	110,998
Jan. 1935	x1,399,405	67,237	837,124	712,395	x157,367	125,282
Feb. 1934	1,512,274	48,907	639,610	590,629	129,410	103,718
<u>Total to Date</u>						
1935	3,593,305	119,274	1,591,644	1,357,006	289,101	236,280
1934	3,137,053	106,293	1,322,508	1,212,747	273,259	222,246

INDEX NUMBERS

	January	February	March	April	May	June
						<u>TOTAL</u>
1933	132.93	134.68	133.42	131.97	134.59	143.99
1934	164.21	167.31	174.90	172.79	182.54	179.47
1935	x191.62	186.90				
					<u>OUTPUT LESS EXPORTS AND</u>	
1933	129.83	128.59	128.07	127.21	131.46	136.54
1934	149.81	151.00	156.66	152.13	161.92	157.59
1935	x167.85	163.60				

1/ Production plus provincial imports less provincial exports.

x - Revised.



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS<sup>2/</sup></u>					
63,320	1,427	34,388	19,439	4,060	4,006
63,808	1,758	34,925	18,683	4,377	4,065
56,650	1,363	28,755	18,784	4,004	3,744
1,088	482	...	1	600	5
x1,137	458	...	2	x652	25
1,008	429	...	..	577	2
64,408	1,909	34,388	19,440	4,660	4,011
x64,945	2,216	34,925	18,685	x5,029	4,090
57,658	1,792	28,755	18,784	4,581	3,746
64,690	2,070	34,670	19,043	4,855	4,052
56,605	1,845	28,368	17,992	4,589	3,811
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
(3)				(4)	
472,124	...	346,661	97,125	28,162	176
525,845	1,650	379,677	108,593	35,707	218
384,610	...	266,777	87,979	29,699	155
997,969	1,650	726,338	205,718	63,869	394
783,427	...	543,565	179,067	60,453	342

(Average, 1926 = 100)

July	August	September	October	November	December
<u>OUTPUT</u>					
152.17	156.66	152.03	151.51	<u>160.31</u>	159.11
171.02	174.18	166.11	173.57	183.96	<u>191.26</u>
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
141.74	<u>146.43</u>	145.24	143.19	144.84	142.73
157.32	159.39	155.03	156.85	158.25	<u>162.28</u>

- 2/ No allowance is made for the effect of holidays, Sundays or Saturdays, etc.  
3/ New Brunswick only.  
1/ Manitoba only.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1931	1932	1933	1934	1935
January	<u>1,488,721</u>	1,413,918	1,396,661	1,725,264	x2,013,282
February	<u>1,338,988</u>	1,325,133	1,299,580	1,614,425	1,803,424
Sub Total	2,827,709	2,739,051	2,696,241	3,339,689	3,816,706
March	1,417,558	1,388,697	1,371,060	1,797,334	
April	1,411,090	1,329,489	1,296,805	1,697,909	
May	1,365,786	1,271,015	1,349,942	1,830,820	
June	1,289,828	1,198,232	1,370,901	1,708,632	
July	1,251,323	1,155,581	1,442,657	1,621,314	
August	1,256,149	1,230,220	1,508,216	1,676,865	
September	1,238,413	1,279,140	1,489,322	1,627,289	
October	1,428,342	1,390,144	1,617,608	1,853,226	
November	1,415,020	<u>1,448,227</u>	1,702,363	1,953,512	
December	1,432,182	1,433,191	<u>1,707,886</u>	2,052,940	
TOTAL	16,383,400	15,862,987	17,553,001	21,159,530	
EXPORTS TO THE UNITED STATES					
January	<u>162,443</u>	61,767	48,018	100,485	113,878
February	<u>145,498</u>	52,422	46,440	102,151	109,524
Sub Total	307,941	114,189	94,458	202,636	223,402
March	127,985	55,414	45,343	112,115	
April	97,677	54,982	35,272	63,105	
May	86,824	51,354	42,874	111,000	
June	88,602	64,864	86,673	113,640	
July	95,085	59,015	119,192	105,866	
August	99,781	69,192	109,592	<u>115,988</u>	
September	<u>93,288</u>	<u>71,500</u>	122,907	107,114	
October	95,423	50,737	<u>127,243</u>	107,122	
November	73,357	35,023	106,457	99,714	
December	69,362	41,610	99,353	110,508	
TOTAL	1,235,325	667,880	989,364	1,248,808	
OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS					
January	<u>1,179,856</u>	<u>1,130,430</u>	1,062,447	1,225,962	x1,373,559
February	<u>1,052,887</u>	1,056,607	960,342	1,127,664	1,221,776
Sub Total	2,232,743	2,187,037	2,022,789	2,353,626	2,595,335
March	1,143,625	1,094,779	1,024,147	1,252,827	
April	1,122,294	1,016,348	970,017	1,160,066	
May	1,125,041	999,749	1,023,979	1,261,178	
June	1,072,893	932,648	1,019,082	1,176,141	
July	1,039,037	902,740	1,056,634	1,172,789	
August	1,036,736	950,994	1,111,397	1,209,774	
September	1,068,277	990,920	1,117,383	1,192,695	
October	1,148,387	1,060,554	1,198,720	1,313,033	
November	1,132,312	1,123,982	1,204,309	1,315,837	
December	1,154,705	1,099,017	<u>1,206,780</u>	<u>1,372,056</u>	
TOTAL	13,276,050	12,358,768	12,955,237	14,780,022	

DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
OTTAWA

No. 3

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.).  
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

MARCH, 1935

The output of central electric stations for March amounted to 1,943,554,000 kilowatt hours, as against 1,797,334,000 kilowatt hours for March, 1934. On a daily basis the March output was 2.7 per cent lower than during February, but this was less than the usual seasonal decline and the index number rose from 186.90 to 189.13. Deliveries to electric boilers increased from 432,393,000 kilowatt hours last year to 481,820,000 kilowatt hours and exports to the United States amounted to 103,956,000 kilowatt hours as against 112,115,000 kilowatt hours in March, 1934.

The index number for the consumption of firm power in Canada, or the total output less exports to the United States and deliveries to electric boilers, increased from 163.70 for February to a new high record of 169.79; the previous record was 167.78 for January, 1935.



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>MONTHLY OUTPUTS</u>						
<u>Generated by Water Power</u>						
Mar. 1935	1,912,931	43,416	1,032,363	578,285	125,713	133,154
Feb. 1935	x1,772,812	39,961	x 962,720	544,279	113,686	112,166
Mar. 1934	1,769,326	42,019	881,766	603,773	122,904	118,864
<u>Generated by Fuel</u>						
Mar. 1935	30,623	13,660	208	28	16,632	95
Feb. 1935	30,634	13,507	x 171	30	16,796	130
Mar. 1934	28,008	12,397	...	30	15,393	188
<u>Total Output</u>						
Mar. 1935	1,943,554	57,076	1,032,571	578,313	142,345	133,249
Feb. 1935	1,803,446	53,468	x 962,891	544,309	130,482	112,296
Mar. 1934	1,797,334	54,416	881,766	603,803	138,297	119,052
<u>Total to Date</u>						
1935	5,759,742	179,235	3,077,589	1,701,838	428,761	372,319
1934	5,137,023	163,279	2,555,500	1,665,313	409,056	343,875
<u>PROVINCIAL CONSUMPTIONS<sup>1/</sup></u>						
Mar. 1935	1,839,598	55,561	808,771	699,713	143,840	131,713
Feb. 1935	x1,693,923	52,037	x754,543	644,611	131,734	110,998
Mar. 1934	1,685,220	53,045	704,755	670,107	139,652	117,661
<u>Total to Date</u>						
1935	5,432,385	174,835	2,399,898	2,056,719	432,941	367,992
1934	4,822,273	159,338	2,027,263	1,882,854	412,911	339,907

INDEX NUMBERS

	January	February	March	April	May	June
						<u>TOTAL</u>
1933	132.93	134.68	133.42	131.97	134.59	143.99
1934	164.21	167.31	174.90	172.79	182.54	179.47
1935	x191.77	186.90	189.13			
					<u>OUTPUT LESS EXPORTS AND</u>	
1933	129.83	128.59	128.07	127.21	131.46	136.54
1934	149.81	151.00	156.66	152.13	161.92	157.59
1935	x167.78	x163.70	169.79			

1/ Production plus provincial imports less provincial exports.

x Revised.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS<sup>2/</sup></u>					
61,707	1,401	33,302	18,654	4,055	4,295
x 63,315	1,427	x34,383	19,439	4,060	4,006
57,075	1,355	28,444	19,476	3,965	3,835
988	441	7	1	536	3
x 1,094	482	x 6	1	600	5
903	400	...	1	496	6
62,695	1,842	33,309	18,655	4,591	4,298
x 64,409	1,909	x34,389	19,440	4,660	4,011
57,978	1,755	28,444	19,477	4,461	3,841
63,996	1,992	34,195	18,909	4,764	4,137
57,078	1,814	28,394	18,504	4,545	3,821
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
481,820	(3) 181	351,886	99,437	(4) 30,121	195
x471,364	...	x345,901	97,125	28,162	176
432,393	...	303,731	97,487	31,008	167
1,479,029	1,831	1,077,464	305,155	93,990	589
1,215,820	...	847,296	276,554	91,461	509

(Average, 1926 = 100)

July	August	September	October	November	December
<u>OUTPUT</u>					
152.17	156.66	152.03	151.51	<u>160.31</u>	159.11
171.02	174.18	166.11	173.57	183.96	<u>191.26</u>
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
141.74	<u>146.43</u>	145.24	143.19	144.84	142.73
157.32	159.39	155.03	156.85	158.25	<u>162.28</u>

2/ No allowance is made for the effect of holidays, Sundays or Saturdays, etc.

3/ New Brunswick only.

4/ Manitoba only.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1931	1932	1933	1934	1935
January	1,488,721	1,413,918	1,396,661	1,725,264	x2,012,742
February	1,338,988	1,325,133	1,299,580	1,614,425	x1,803,446
March	1,417,558	1,388,697	1,371,060	1,797,334	1,943,554
Sub Total	4,245,267	4,127,748	4,067,301	5,137,023	5,759,742
April	1,411,090	1,329,489	1,296,805	1,697,909	
May	1,365,786	1,271,015	1,349,942	1,830,820	
June	1,289,828	1,198,232	1,370,901	1,708,632	
July	1,251,323	1,155,581	1,442,657	1,621,314	
August	1,256,149	1,230,220	1,508,216	1,676,865	
September	1,288,413	1,279,140	1,489,322	1,627,289	
October	1,428,342	1,390,144	1,617,608	1,853,226	
November	1,415,020	1,448,227	1,702,363	1,953,512	
December	1,432,182	1,433,191	1,707,886	2,052,940	
TOTAL	16,383,400	15,862,987	17,553,001	21,159,530	
EXPORTS TO THE UNITED STATES					
January	162,443	61,767	43,018	100,485	113,878
February	145,498	52,422	46,440	102,151	109,524
March	127,985	55,414	45,343	112,115	103,956
Sub Total	435,926	169,603	139,801	314,751	327,358
April	97,677	54,982	35,272	63,105	
May	86,824	51,364	42,874	111,000	
June	88,602	64,864	86,675	113,640	
July	95,085	59,015	119,192	105,866	
August	99,781	69,192	109,592	115,988	
September	93,288	71,500	122,907	107,114	
October	95,423	50,737	127,243	107,122	
November	73,357	35,023	106,457	99,714	
December	69,362	41,610	99,353	110,508	
TOTAL	1,235,325	667,880	989,364	1,248,808	
OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS					
January	1,179,856	1,130,430	1,062,447	1,225,962	x1,373,019
February	1,052,887	1,056,607	960,342	1,127,664	x1,222,559
March	1,143,625	1,094,779	1,024,147	1,252,827	1,357,778
Sub Total	3,376,368	3,281,816	3,046,936	3,606,453	3,953,356
April	1,122,294	1,016,348	970,017	1,160,066	
May	1,125,041	999,749	1,023,979	1,261,178	
June	1,072,893	932,648	1,019,082	1,176,141	
July	1,039,037	902,740	1,056,634	1,172,789	
August	1,036,736	950,994	1,111,397	1,209,774	
September	1,068,277	990,920	1,117,383	1,192,695	
October	1,148,387	1,060,554	1,198,720	1,313,033	
November	1,132,312	1,123,982	1,204,309	1,315,837	
December	1,154,705	1,099,017	1,206,780	1,372,056	
TOTAL	13,276,050	12,358,768	12,955,237	14,780,022	



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DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
OTTAWA

No. 4

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Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.).  
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

APRIL, 1935

Central electric stations in Canada produced 1,881,028,000 kilowatt hours in April, as against 1,697,909,000 kilowatt hours in April last year and 1,943,544,000 kilowatt hours for March, and the index number increased from 189.13 for March to 191.43. This is the second highest recorded, the peak being 191.77 for January, 1935. On a daily basis the April output was slightly greater than the March average, but there were 5 Sundays and 5 Saturdays in March, as against 4 of each in April.

Exports to the United States amounted to 97,474,000 kilowatt hours and deliveries to electric boilers amounted to 489,104,000 kilowatt hours, as against 63,105,000 kilowatt hours and 474,738,000 kilowatt hours, respectively, for April, 1934.

The consumption of firm power in Canada, or the total output less exports and deliveries to electric boilers, decreased from 1,357,773,000 kilowatt hours for March to 1,294,450,000 kilowatt hours, and the index number declined from 169.79 to 169.75 which is the second highest yet recorded.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>MONTHLY OUTPUTS</u>						
<u>Generated by Water Power</u>						
Apr. 1935	1,854,252	53,065	1,028,940	533,740	118,689	119,818
Mar. 1935	1,912,931	43,416	1,032,363	578,285	125,713	133,154
Apr. 1934	1,673,869	49,230	925,386	473,761	114,286	111,206
<u>Generated by Fuel</u>						
Apr. 1935	26,776	13,708	211	23	12,754	80
Mar. 1935	30,623	13,660	208	28	16,632	95
Apr. 1934	24,040	11,781	...	24	12,152	83
<u>Total Output</u>						
Apr. 1935	1,881,028	66,773	1,029,151	533,763	131,443	119,898
Mar. 1935	1,943,554	57,076	1,032,571	578,313	142,345	133,249
Apr. 1934	1,697,909	61,011	925,386	473,785	126,438	111,289
<u>Total to Date</u>						
1935	7,640,770	246,008	4,106,740	2,235,601	560,204	492,217
1934	6,834,932	224,290	3,480,886	2,139,098	535,494	455,164
<u>PROVINCIAL CONSUMPTIONS<sup>1/</sup></u>						
Apr. 1935	1,783,555	65,564	805,220	661,467	133,026	118,278
Mar. 1935	1,839,598	55,561	808,771	699,713	143,840	131,713
Apr. 1934	1,634,804	59,956	735,732	601,417	127,928	109,771
<u>Total to Date</u>						
1935	7,215,940	240,399	3,205,118	2,718,186	565,967	486,270
1934	6,457,077	219,294	2,762,995	2,484,271	540,839	449,678

INDEX NUMBERS

	January	February	March	April	May	June
						<u>TOTAL</u>
1933	132.93	134.68	133.42	131.97	134.59	143.99
1934	164.21	167.31	174.90	172.79	182.54	179.47
1935	<u>191.77</u>	186.90	189.13	191.43		
					<u>OUTPUT LESS EXPORTS AND</u>	
1933	129.83	128.59	128.07	127.21	131.46	136.54
1934	149.81	151.00	156.66	152.13	161.92	157.59
1935	167.78	163.70	<u>169.79</u>	169.75		

1/ Production plus provincial imports less provincial exports.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS<sup>2/</sup></u>					
61,808	1,769	34,298	17,791	3,956	3,994
61,707	1,401	33,302	18,654	4,055	4,295
55,796	1,641	30,846	15,792	3,810	3,707
893	457	7	1	425	3
988	441	7	1	536	3
801	393	..	..	405	3
62,701	2,226	34,305	17,792	4,381	3,997
62,695	1,842	33,309	18,655	4,591	4,298
56,597	2,034	30,846	15,792	4,215	3,710
63,673	2,050	34,223	18,630	4,668	4,102
56,958	1,869	29,007	17,826	4,463	3,793
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
	(3)			(4)	
489,104	3,775	367,723	93,231	24,184	191
481,820	181	351,886	99,437	30,121	195
474,738	4,013	367,805	78,383	24,377	160
1,968,133	5,606	1,445,187	398,386	118,174	780
1,690,558	4,013	1,215,101	354,937	115,838	669

(Average, 1926 = 100)

July	August	September	October	November	December
<u>OUTPUT</u>					
152.17	156.66	152.03	151.51	<u>160.31</u>	159.11
171.02	174.18	166.11	173.57	183.96	<u>191.26</u>
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
141.74	<u>146.43</u>	145.24	143.19	144.84	142.73
157.32	159.39	155.03	156.85	158.25	<u>162.23</u>

<sup>2/</sup> No allowance is made for the effect of holidays, Sundays or Saturdays, etc.

<sup>3/</sup> New Brunswick only.

<sup>4/</sup> Manitoba only.



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1931	1932	1933	1934	1935
January	1,488,721	1,413,918	1,396,661	1,725,264	2,012,742
February	1,338,988	1,325,133	1,299,580	1,614,425	1,803,446
March	1,417,558	1,388,697	1,371,060	1,797,334	1,943,554
April	1,411,090	1,329,489	1,296,805	1,697,909	1,881,028
Sub Total	5,656,357	5,457,237	5,364,106	6,834,932	7,640,770
May	1,365,786	1,271,015	1,349,942	1,830,820	
June	1,289,828	1,198,232	1,370,901	1,708,632	
July	1,251,323	1,155,581	1,442,657	1,621,314	
August	1,256,149	1,230,220	1,508,216	1,676,865	
September	1,288,413	1,279,140	1,489,322	1,627,289	
October	1,428,342	1,390,144	1,617,608	1,853,226	
November	1,415,020	1,448,227	1,702,363	1,953,512	
December	1,432,182	1,433,191	1,707,886	2,052,940	
TOTAL	16,383,400	15,862,987	17,553,001	21,159,530	

EXPORTS TO THE UNITED STATES

January	162,443	61,767	48,018	100,485	113,878
February	145,498	52,422	46,440	102,151	109,524
March	127,985	55,414	45,343	112,115	103,956
April	97,677	54,982	35,272	63,105	97,474
Sub Total	533,603	224,585	175,073	377,856	424,832
May	86,824	51,354	42,874	111,000	
June	88,602	64,864	86,673	113,640	
July	95,085	59,015	119,192	105,866	
August	99,781	69,192	109,592	115,988	
September	93,288	71,500	122,907	107,114	
October	95,423	50,737	127,243	107,122	
November	73,357	35,023	106,457	99,714	
December	69,362	41,610	99,353	110,508	
TOTAL	1,235,325	667,880	989,364	1,248,808	

OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January	1,179,856	1,130,430	1,062,447	1,225,962	1,373,019
February	1,052,887	1,056,607	960,342	1,127,664	1,222,559
March	1,143,625	1,094,779	1,024,147	1,252,827	1,357,778
April	1,122,294	1,016,348	970,017	1,160,066	1,294,450
Sub Total	4,498,662	4,298,164	4,016,953	4,766,519	5,247,806
May	1,125,041	999,749	1,023,979	1,261,178	
June	1,072,893	932,648	1,019,082	1,176,141	
July	1,039,037	902,740	1,056,634	1,172,789	
August	1,036,736	950,994	1,111,397	1,209,774	
September	1,068,277	990,920	1,117,383	1,192,695	
October	1,148,387	1,060,554	1,198,720	1,313,033	
November	1,132,312	1,123,982	1,204,309	1,315,837	
December	1,154,705	1,099,017	1,206,780	1,372,056	
TOTAL	13,276,050	12,358,768	12,955,237	14,780,022	

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

MAY, 1935

Central electric stations produced 1,923,071,000 kilowatt hours during May, as against 1,830,820,000 kilowatt hours in May, 1934. The index number, adjusted for seasonal variations, was 191.74 which was only a fraction below the peak of 191.77 reached last January. The index number of the production less exports and deliveries to electric boilers, or the consumption of firm power in Canada, reached a new high point at 170.92; the previous peak was 169.79 for last March.

The consumption in Ontario increased from 608,076,000 kilowatt hours in May, 1934, to 669,512,000 kilowatt hours and, of this increase of 61,436,000 kilowatt hours, 38,289,000 kilowatt hours, or 62 per cent, was firm power and the remainder was in deliveries to electric boilers. Quebec showed an increase of 28,376,000 kilowatt hours made up of 15,431,000 kilowatt hours, or 54 per cent, in firm power and 12,945,000 kilowatt hours, or 46 per cent, in secondary power delivered to electric boilers.

Exports to the United States declined to 94,256,000 kilowatt hours, as against 97,475,000 kilowatt hours in April and 111,000,000 kilowatt hours in May last year.

10/6/35

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>MONTHLY OUTPUTS</u>						
<u>Generated by Water Power</u>						
May, 1935	1,896,121	57,830	1,061,757	535,894	113,655	126,985
Apr. 1935	1,854,252	53,065	1,028,940	533,740	118,689	119,818
May, 1934	1,805,305	56,819	1,036,240	488,845	106,836	116,565
<u>Generated by Fuel</u>						
May, 1935	26,950	13,476	231	20	13,143	80
Apr. 1935	26,776	13,708	211	23	12,754	80
May, 1934	25,515	12,961	...	15	12,502	37
<u>Total Output</u>						
May, 1935	1,923,071	71,306	1,061,988	535,914	126,798	127,065
Apr. 1935	1,881,028	66,773	1,029,151	533,763	131,443	119,898
May, 1934	1,830,820	69,780	1,036,240	488,860	119,338	116,602
<u>Total to Date</u>						
1935	9,563,841	317,314	5,168,728	2,771,515	687,002	619,282
1934	8,665,752	294,070	4,517,126	2,627,958	654,832	571,766
<u>PROVINCIAL CONSUMPTIONS<sup>1/</sup></u>						
May, 1935	1,828,816	70,173	835,323	669,512	128,295	125,513
Apr. 1935	x1,783,554	65,564	x805,219	661,467	133,026	118,278
May, 1934	1,719,820	68,886	806,947	608,076	120,895	115,016
<u>Total to Date</u>						
1935	9,044,755	310,572	4,040,440	3,387,698	694,262	611,783
1934	8,176,897	288,180	3,569,942	3,092,347	661,734	564,694

INDEX NUMBERS

	January	February	March	April	May	June
						<u>TOTAL</u>
1933	132.93	134.68	133.42	131.97	134.59	143.99
1934	164.21	167.31	174.90	172.79	182.54	179.47
1935	<u>191.77</u>	186.90	189.13	191.43	191.74	
<u>OUTPUT LESS EXPORTS AND</u>						
1933	129.83	128.59	128.07	127.21	131.46	136.54
1934	149.81	151.00	156.66	152.13	161.92	157.59
1935	167.78	163.70	169.79	169.75	<u>170.92</u>	

1/ Production plus provincial imports less provincial exports.

x - Revised.



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS<sup>2/</sup></u>					
61,165	1,866	34,250	17,287	3,666	4,096
61,808	1,769	34,298	17,791	3,956	3,994
58,236	1,833	33,427	15,769	3,446	3,761
869	434	7	1	424	3
893	457	7	1	425	3
823	418	..	.	403	2
62,034	2,300	34,257	17,288	4,090	4,099
62,701	2,226	34,305	17,792	4,381	3,997
59,059	2,251	33,427	15,769	3,849	3,763
63,336	2,101	34,230	18,354	4,550	4,101
57,389	1,947	29,915	17,404	4,337	3,786
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
	(3)			(4)	
497,484	5,867	378,336	96,184	16,934	163
489,104	3,775	367,723	93,231	24,184	191
458,642	4,619	365,391	73,037	15,440	155
2,465,617	11,473	1,823,523	494,570	135,108	943
2,149,200	8,632	1,580,492	427,974	131,278	824

(Average, 1926 = 100)

July	August	September	October	November	December
<u>OUTPUT</u>					
152.17	156.66	152.03	151.51	<u>160.31</u>	159.11
171.02	174.18	166.11	173.57	183.96	<u>191.26</u>
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
141.74	<u>146.43</u>	145.24	143.19	144.84	142.73
157.32	159.39	155.03	156.85	158.25	<u>162.28</u>

<sup>2/</sup> No allowance is made for the effect of holidays, Sundays or Saturdays, etc.

<sup>3/</sup> New Brunswick only

<sup>4/</sup> Manitoba only

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1931	1932	1933	1934	1935
January	<u>1,488,721</u>	1,413,918	1,396,661	1,725,264	<u>2,012,742</u>
February	<u>1,338,988</u>	1,325,133	1,299,580	1,614,425	<u>1,803,446</u>
March	<u>1,417,558</u>	1,388,697	1,371,060	1,797,334	<u>1,943,554</u>
April	<u>1,411,090</u>	1,329,489	1,296,805	1,697,909	<u>1,881,028</u>
May	<u>1,365,786</u>	1,271,015	1,349,942	1,830,820	<u>1,923,071</u>
Sub Total	7,022,143	6,728,252	6,714,048	8,665,752	9,563,841
June	1,289,828	1,198,232	1,370,901	1,708,632	
July	1,251,323	1,155,581	1,442,657	1,621,314	
August	1,256,149	1,230,220	1,508,216	1,676,865	
September	1,288,413	1,279,140	1,489,322	1,627,289	
October	1,428,342	1,390,144	1,617,608	1,853,226	
November	1,415,020	<u>1,448,227</u>	1,702,363	1,953,512	
December	1,432,182	1,433,191	<u>1,707,886</u>	<u>2,052,940</u>	
TOTAL	16,383,400	15,862,987	17,553,001	21,159,530	
EXPORTS TO THE UNITED STATES					
January	<u>162,443</u>	61,767	48,018	100,485	<u>113,878</u>
February	<u>145,498</u>	52,422	46,440	102,151	<u>109,524</u>
March	<u>127,985</u>	55,414	45,343	112,115	<u>103,956</u>
April	<u>97,677</u>	54,982	35,272	63,105	x 97,475
May	<u>86,824</u>	51,354	42,874	111,000	<u>94,256</u>
Sub Total	620,427	275,939	217,947	488,856	519,089
June	88,602	64,864	86,673	113,640	
July	95,085	59,015	119,192	105,866	
August	99,781	69,192	109,592	<u>115,988</u>	
September	93,288	<u>71,500</u>	122,907	107,114	
October	95,423	50,737	<u>127,243</u>	107,122	
November	73,357	35,023	106,457	99,714	
December	69,362	41,610	99,353	110,508	
TOTAL	1,235,325	667,880	989,364	1,248,808	
OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS					
January	<u>1,179,856</u>	<u>1,130,430</u>	1,062,447	1,225,962	<u>1,373,019</u>
February	<u>1,052,887</u>	1,056,607	960,342	1,127,664	<u>1,222,559</u>
March	<u>1,143,625</u>	1,094,779	1,024,147	1,252,827	<u>1,357,778</u>
April	<u>1,122,294</u>	1,016,348	970,017	1,160,066	x1,294,449
May	<u>1,125,041</u>	999,749	1,023,979	1,261,178	<u>1,331,332</u>
Sub Total	5,623,703	5,297,913	5,040,932	6,027,697	6,579,137
June	1,072,893	932,648	1,019,082	1,176,141	
July	1,039,037	902,740	1,056,634	1,172,789	
August	1,036,736	950,994	1,111,397	1,209,774	
September	1,068,277	990,920	1,117,383	1,192,695	
October	1,148,387	1,060,554	1,198,720	1,313,033	
November	1,132,312	1,123,982	1,204,309	1,315,837	
December	1,154,705	1,099,017	<u>1,206,780</u>	<u>1,372,056</u>	
TOTAL	13,276,050	12,358,768	12,955,237	14,780,022	

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Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

JUNE, 1935

The output of central electric stations in Canada during June amounted to 1,815,912,000 kilowatt hours, as against 1,708,632,000 kilowatt hours for June last year and 1,923,071,000 kilowatt hours for last May. The index number dropped from 191.74 for May to 190.74.

Exports to the United States increased from 94,256,000 kilowatt hours for May to 107,994,000 kilowatt hours, but were 5,646,000 below the June 1934 exports. Deliveries of secondary power to electric boilers declined from 497,484,000 kilowatt hours in May to 434,319,000 kilowatt hours. The index number for output less exports and deliveries to electric boilers declined from 170.92 for May, the all time peak, to 170.64, the second highest recorded.

25/7/35



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>MONTHLY OUTPUTS</u>						
<u>Generated by Water Power</u>						
June, 1935	1,788,045	57,871	982,233	530,315	97,157	120,469
May, 1935	1,396,121	57,830	1,011,757	535,894	113,655	126,985
June, 1934	1,681,947	56,933	963,547	468,349	78,133	114,975
<u>Generated by Fuel</u>						
June, 1935	27,867	14,664	233	24	12,863	83
May, 1935	26,950	13,476	231	20	13,143	80
June, 1934	26,695	14,401	...	10	12,221	63
<u>Total Output</u>						
June, 1935	1,815,912	72,535	982,466	530,339	110,020	120,552
May, 1935	1,923,071	71,306	1,061,988	535,914	126,798	127,065
June, 1934	1,708,632	71,334	963,547	468,359	90,354	115,038
<u>Total to Date</u>						
1935	11,379,753	389,849	6,151,194	3,301,854	797,022	739,834
1934	10,374,384	365,404	5,480,673	3,096,317	745,186	686,804
<u>PROVINCIAL CONSUMPTIONS<sup>1/</sup></u>						
June, 1935	1,707,918	71,625	772,606	633,151	111,311	119,225
May, 1935	1,828,816	70,173	835,323	669,512	128,295	125,513
June, 1934	1,594,991	70,509	745,830	573,290	91,654	113,708
<u>Total to Date</u>						
1935	10,752,673	382,197	4,813,046	4,020,849	805,573	731,008
1934	9,771,888	358,689	4,315,772	3,665,637	753,388	678,402

INDEX NUMBERS

	January	February	March	April	May	June
						<u>TOTAL</u>
1933	132.93	134.68	133.42	131.97	134.59	143.99
1934	164.21	167.31	174.90	172.79	182.54	179.47
1935	<u>191.77</u>	186.90	189.13	191.43	191.74	190.74
<u>OUTPUT LESS EXPORTS AND</u>						
1933	129.83	128.59	128.07	127.21	131.16	136.54
1934	149.81	151.00	156.66	152.13	161.92	157.59
1935	<u>167.78</u>	163.70	169.79	169.75	<u>170.92</u>	170.64

1/ Production plus provincial imports less provincial exports.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS<sup>2/</sup></u>					
59,601	1,929	32,741	17,677	3,239	4,015
61,165	1,866	34,250	17,287	3,666	4,096
56,064	1,898	32,118	15,611	2,605	3,832
929	488	8	1	429	3
869	434	7	1	424	3
890	480	..	1	407	2
60,530	2,417	32,749	17,678	3,668	4,018
62,034	2,300	34,257	17,288	4,090	4,099
56,954	2,378	32,118	15,612	3,012	3,834
62,872	2,154	33,985	18,242	4,403	4,088
57,317	2,019	30,280	17,107	4,117	3,794
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
	(3)			(4)	
434,319	6,180	335,830	86,323	5,879	107
497,484	5,867	378,336	96,184	16,934	163
418,850	7,030	347,731	60,697	3,259	133
2,899,936	17,653	2,159,353	580,893	140,987	1,050
2,568,050	15,662	1,928,223	488,671	134,537	957

(Average, 1926 = 100)

July	August	September	October	November	December
<u>OUTPUT</u>					
152.17	156.66	152.03	151.51	<u>160.31</u>	159.11
171.02	174.18	166.11	173.57	183.96	<u>191.26</u>
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
141.74	<u>146.43</u>	145.24	143.19	144.84	142.73
157.32	159.39	155.03	156.85	158.25	<u>162.28</u>

<sup>2/</sup> No allowance is made for the effect of holidays, Sundays or Saturdays, etc

<sup>3/</sup> New Brunswick only.

<sup>4/</sup> Manitoba only.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1931	1932	1933	1934	1935
January	<u>1,488,721</u>	1,413,918	1,396,661	1,725,264	<u>2,012,742</u>
February	<u>1,338,988</u>	1,325,133	1,299,580	1,614,425	<u>1,803,446</u>
March	<u>1,417,558</u>	1,388,697	1,371,060	1,797,334	<u>1,943,554</u>
April	<u>1,411,090</u>	1,329,489	1,296,805	1,697,909	<u>1,881,028</u>
May	<u>1,585,788</u>	1,271,515	1,349,942	1,830,820	<u>1,923,071</u>
June	<u>1,289,828</u>	1,198,232	1,270,901	1,708,632	<u>1,815,912</u>
Sub Total	<u>8,311,971</u>	7,926,434	8,084,349	10,374,384	<u>11,379,753</u>
July	<u>1,251,323</u>	1,155,581	1,442,657	1,621,514	
August	<u>1,256,149</u>	1,230,220	1,508,216	1,676,865	
September	<u>1,288,413</u>	1,279,140	1,489,322	1,627,389	
October	<u>1,428,342</u>	1,390,144	1,617,608	1,853,226	
November	<u>1,415,020</u>	<u>1,448,227</u>	1,702,363	1,953,512	
December	<u>1,432,182</u>	1,433,191	1,707,886	<u>2,052,940</u>	
TOTAL	<u>16,383,400</u>	15,862,987	17,553,001	21,159,530	
EXPORTS TO THE UNITED STATES					
January	<u>162,443</u>	61,767	48,018	100,485	<u>113,878</u>
February	<u>145,498</u>	52,422	46,440	102,151	<u>109,524</u>
March	<u>127,985</u>	55,414	45,343	112,115	<u>103,956</u>
April	<u>97,677</u>	54,982	35,272	63,105	<u>97,475</u>
May	<u>86,824</u>	51,354	42,874	111,000	<u>94,256</u>
June	<u>88,602</u>	64,864	86,673	113,640	<u>107,994</u>
Sub Total	<u>709,029</u>	340,803	304,620	602,496	<u>627,083</u>
July	<u>95,085</u>	59,615	119,192	105,866	
August	<u>99,781</u>	69,192	109,592	<u>115,988</u>	
September	<u>93,288</u>	<u>71,500</u>	122,907	107,114	
October	<u>95,423</u>	50,737	<u>127,243</u>	107,122	
November	<u>73,357</u>	35,023	106,457	99,714	
December	<u>69,362</u>	41,610	99,353	110,508	
TOTAL	<u>1,235,325</u>	667,880	989,364	1,248,808	
OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS					
January	<u>1,179,856</u>	<u>1,150,430</u>	1,062,447	1,225,962	<u>1,373,019</u>
February	<u>1,052,887</u>	1,056,607	960,342	1,127,664	<u>1,222,559</u>
March	<u>1,143,625</u>	1,094,779	1,024,147	1,251,827	<u>1,357,778</u>
April	<u>1,122,294</u>	1,016,348	970,017	1,160,066	<u>1,294,449</u>
May	<u>1,125,041</u>	999,749	1,023,979	1,261,178	<u>1,331,332</u>
June	<u>1,072,893</u>	932,648	1,019,082	1,176,141	<u>1,273,599</u>
Sub Total	<u>6,696,596</u>	<u>6,250,561</u>	6,060,014	7,203,838	<u>7,852,736</u>
July	<u>1,039,037</u>	902,740	1,056,634	1,171,789	
August	<u>1,036,736</u>	950,994	1,111,397	1,209,774	
September	<u>1,063,277</u>	990,920	1,117,383	1,192,695	
October	<u>1,148,387</u>	1,060,554	1,198,720	1,313,033	
November	<u>1,152,312</u>	1,123,982	1,204,309	1,315,837	
December	<u>1,154,705</u>	1,099,017	<u>1,206,780</u>	<u>1,372,056</u>	
TOTAL	<u>13,276,050</u>	12,358,768	12,955,237	14,780,022	



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Minister of Trade and Commerce.

DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
OTTAWA - CANADA

No. 7.

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Dominion Statistician: R. H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)  
Chief, Transportation and Public Utilities Branch: G. S. Wrong, B.Sc.

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

JULY, 1935

Central electric stations in Canada produced 1,790,546,000 kilowatt hours during July as against 1,621,314,000 kilowatt hours in July, 1934, an increase of 10.4 per cent, and the index number dropped from 190.74 for June to 188.87.

Exports to the United States declined from 107,994,000 kilowatt hours for June and 105,866,000 kilowatt hours for July last year to 93,347,000 kilowatt hours.

Deliveries to electric boilers at 411,362,000 kilowatt hours were 5 per cent less than for June but 20 per cent above July, 1934, deliveries.

The index number for the Canadian consumption of firm power or total output less exports to the United States and deliveries to electric boilers reached a new high point at 172.48 as against 157.32 for July, 1934 and 170.92 for May, 1935, the previous peak.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
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MONTHLY OUTPUTS

Generated by Water Power

July, 1935	1,761,750	56,564	977,608	500,236	102,789	124,553
June, 1935	1,738,045	57,371	932,232	530,315	97,157	120,463
July, 1934	1,594,728	56,226	904,257	434,224	81,738	118,233

Generated by Fuel

July, 1935	28,796	15,467	265	36	12,936	98
June, 1935	27,867	14,664	233	24	12,863	83
July, 1934	26,586	14,008	...	25	12,474	79

Total Output

July, 1935	1,790,546	72,031	977,873	500,272	115,725	124,643
June, 1935	1,815,912	72,535	982,466	530,339	110,020	120,551
July, 1934	1,621,314	70,234	904,257	434,249	94,262	118,311

Total to Date

1935	13,170,299	461,380	7,129,067	3,302,126	912,747	864,473
1934	11,995,698	435,638	6,384,930	3,530,566	839,448	805,111

PROVINCIAL CONSUMPTIONS<sup>1</sup>

July, 1935	1,697,200	70,773	764,166	621,931	117,108	123,223
June, 1935 <sup>x</sup>	1,707,919	71,625	772,604 <sup>x</sup>	633,155 <sup>x</sup>	111,311	119,223
July, 1934	1,515,448	69,126	694,288	539,509	95,547	116,973

Total to Date

1935	12,449,874	452,970	5,577,210	4,642,784	922,681	854,223
1934	11,278,336	427,815	5,010,060	4,205,146	848,935	795,333

INDEX NUMBERS

	January	February	March	April	May	June
						<u>TOTAL</u>
1933	132.93	134.68	133.42	131.97	134.59	143.99
1934	164.21	167.31	174.90	172.79	182.54	179.47
1935	191.77	186.90	189.13	191.43	191.74	190.74

OUTPUT LESS EXPORTS AND

1933	129.83	128.59	128.07	127.21	131.46	136.54
1934	149.81	151.00	156.66	152.13	161.92	157.59
1935	167.78	163.70	169.79	169.75	170.92	170.64

L/ Production plus provincial imports less provincial exports.

x Revised

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
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DAILY AVERAGE OUTPUTS<sup>2/</sup>

56,831	1,825	31,536	16,136	3,316	4,018
59,601	1,929	32,741	17,677	3,239	4,015
51,443	1,814	29,170	14,007	2,638	3,814

928	499	8	1	417	3
929	488	8	1	429	3
857	452	...	1	402	2

57,759	2,324	31,544	16,137	3,733	4,021
60,530	2,417	32,749	17,678	3,668	4,018
52,300	2,266	29,170	14,008	3,040	3,816

62,124	2,179	33,628	17,935	4,305	4,078
56,583	2,055	30,117	16,653	3,960	3,798

DELIVERIES TO ELECTRIC BOILERS

	(3)			(4)	
411,362	5,642	305,982	84,767	14,645	326
434,319	6,180	335,830	86,323	5,879	107
342,658	7,152	280,670	51,581	3,114	141

3,311,298	23,295	2,465,335	665,660	155,632	1,376
2,910,708	22,814	2,208,893	540,252	137,651	1,093

(Average, 1926 = 100)

July	August	September	October	November	December
<u>OUTPUT</u>					
152.17	156.66	152.03	151.51	160.31	159.11
171.02	174.18	166.11	173.57	183.96	191.26
138.87					
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
141.74	146.43	145.24	143.19	144.84	142.73
157.32	159.39	155.03	156.85	158.25	162.28
172.48					

<sup>2/</sup> No allowance is made for the effect of holidays, Sundays or Saturdays, etc.

<sup>3/</sup> New Brunswick only

<sup>\$/</sup> Manitoba only.



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1931	1932	1933	1934	1935
January	1,488,721	1,413,918	1,396,661	1,725,264	2,012,814
February	1,338,988	1,325,133	1,299,580	1,614,425	1,803,414
March	1,417,553	1,388,697	1,371,060	1,797,334	1,944,814
April	1,411,090	1,329,489	1,296,805	1,697,909	1,884,814
May	1,365,786	1,271,015	1,349,942	1,830,320	1,923,814
June	1,289,828	1,198,232	1,370,901	1,708,632	1,813,814
July	1,251,323	1,155,581	1,442,657	1,621,314	1,790,814
Sub Total	9,563,294	9,082,065	9,527,606	11,995,698	13,170,814
August	1,256,149	1,230,220	1,508,216	1,676,865	
September	1,288,413	1,279,140	1,489,322	1,627,289	
October	1,428,342	1,390,144	1,617,608	1,853,226	
November	1,415,020	1,448,227	1,702,363	1,953,512	
December	1,432,182	1,433,191	1,707,886	2,052,940	
TOTAL	16,383,400	15,862,987	17,553,001	21,153,530	

EXPORTS TO THE UNITED STATES

January	162,443	61,767	48,018	100,485	111,485
February	145,498	52,422	46,440	102,151	109,485
March	127,985	55,414	45,343	112,115	109,485
April	97,677	54,982	35,272	63,105	97,677
May	86,824	51,354	42,874	111,000	94,824
June	88,602	64,864	86,673	113,640	107,602
July	95,085	59,015	119,192	105,866	95,085
Sub Total	804,114	399,818	423,812	708,362	720,814
August	99,781	69,192	109,592	115,988	
September	93,288	71,500	122,907	107,114	
October	95,423	50,737	127,243	107,122	
November	73,357	35,023	106,457	99,714	
December	69,362	41,610	99,353	110,508	
TOTAL	1,235,325	667,880	939,364	1,248,808	

OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January	1,179,856	1,130,430	1,062,447	1,225,962	1,371,814
February	1,052,887	1,056,607	960,342	1,127,664	1,223,814
March	1,143,625	1,094,779	1,024,147	1,252,827	1,354,814
April	1,122,294	1,016,348	970,017	1,160,066	1,290,814
May	1,125,041	999,749	1,023,979	1,261,178	1,333,814
June	1,072,893	932,648	1,019,082	1,176,141	1,273,814
July	1,030,037	902,740	1,056,634	1,172,739	1,280,814
Sub Total	7,735,633	7,133,301	7,116,648	8,376,627	9,130,814
August	1,036,736	950,994	1,111,397	1,209,774	
September	1,068,277	990,920	1,117,383	1,192,695	
October	1,148,387	1,060,554	1,198,720	1,313,033	
November	1,132,312	1,123,982	1,204,309	1,315,837	
December	1,154,705	1,099,017	1,206,780	1,372,056	
TOTAL	13,276,050	12,358,768	12,955,237	14,780,022	

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OTTAWA

No. 8

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Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.).  
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

AUGUST, 1935

Central electric stations in Canada produced 1,851,130,000 kilowatt hours during August, as against 1,676,865,000 kilowatt hours in August 1934 and 1,791,544,000 kilowatt hours in July 1935. The index number increased from 188.98 for July to 192.28, a new all time record.

Exports to the United States at 130,301,000 kilowatt hours were the heaviest since February, 1931, and were 12.3 per cent over the August 1934 exports.

Deliveries to electric boilers were lighter than in July, but increased from 351,103,000 kilowatt hours in August last year to 401,481,000 kilowatt hours.

The index number of firm power consumption in Canada increased from 172.62, the previous peak made in July, to a new record at 173.83.

21/9/35

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>MONTHLY OUTPUTS</u>						
<u>Generated by Water Power</u>						
Aug 1935	1,820,869	49,761	1,003,760	529,592	107,891	129,865
July, 1935	x1,762,748	56,564	x979,105	x499,736	102,789	124,553
Aug 1934	1,648,226	50,168	910,807	472,388	92,878	121,985
<u>Generated by Fuel</u>						
Aug. 1935	30,261	15,680	283	46	14,154	98
July, 1935	28,796	15,467	265	36	12,936	92
Aug. 1934	28,640	14,827	...	28	13,704	81
<u>Total Output</u>						
Aug. 1935	1,851,130	65,441	1,004,043	529,638	122,045	129,963
July, 1935	x1,791,543	72,031	x 979,370	x499,772	115,725	124,645
Aug. 1934	1,676,866	64,995	910,807	472,416	106,582	122,066
<u>Total to Date</u>						
1935	15,022,764	527,659	8,134,607	4,331,264	1,034,782	994,442
1934	13,672,563	500,633	7,295,737	4,002,982	946,029	927,182
<u>PROVINCIAL CONSUMPTIONS 1/</u>						
Aug 1935	1,720,829	64,160	766,750	637,958	123,618	128,343
July, 1935	x1,698,195	70,773	x765,661	x621,431	117,108	123,222
Aug. 1934	1,560,877	63,864	708,761	559,645	107,902	120,705
<u>Total to Date</u>						
1935	14,172,035	517,467	6,345,455	5,280,242	1,046,299	982,572
1934	12,848,213	491,679	5,718,821	4,764,791	956,837	916,085
<u>INDEX NUMBER</u>						
	January	February	March	April	May	June
1933	132.93	134.68	133.42	131.97	134.59	143.99
1934	164.21	167.31	174.90	172.79	182.54	179.47
1935	191.77	186.90	189.13	191.43	191.74	190.74
<u>OUTPUT LESS EXPORTS AND IMPORTS 1/</u>						
1933	129.83	128.59	128.07	127.21	131.46	136.54
1934	149.81	151.00	156.66	152.13	161.92	157.59
1935	x166.60	x162.59	169.79	x168.65	x168.74	x169.93

1/ Production plus provincial imports less provincial exports.

x Revised.



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS<sup>2/</sup></u>					
58,738	1,605	32,379	17,084	3,480	4,189
x56,863	1,825	x31,584	x16,121	3,316	4,018
53,188	1,619	29,380	15,238	2,996	3,935
...					
976	506	9	1	457	3
928	499	8	1	417	3
924	478	...	1	442	3
59,714	2,111	32,388	17,085	3,936	4,192
x57,792	2,324	31,544	16,137	3,733	4,021
54,092	2,097	29,380	15,239	3,438	3,938
61,822	2,171	33,475	17,824	4,258	4,092
56,266	2,060	30,024	16,473	3,893	3,816
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
	(3)			(4)	
401,481	1,892	299,914	88,434	10,903	338
x417,552	5,642	305,982	x90,957	14,645	326
351,103	3,267	279,653	64,622	3,423	138
3,773,562	25,187	2,765,249	814,877	166,535	1,714
3,261,811	26,081	2,488,546	604,874	141,074	1,236

(Average, 1926 = 100)

July	August	September	October	November	December
<u>OUTPUT</u>					
152.17	156.66	152.03	151.51	<u>160.31</u>	159.11
171.02	174.18	166.11	173.57	<u>183.96</u>	<u>191.26</u>
x188.98	<u>192.28</u>				
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
141.74	<u>146.43</u>	145.24	143.19	144.84	142.73
157.32	159.39	155.03	156.85	158.25	<u>162.28</u>
x172.62	<u>173.83</u>				

<sup>2/</sup> No allowance is made for the effect of holidays, Sundays or Saturdays, etc.

<sup>3/</sup> New Brunswick only.

<sup>4/</sup> Manitoba only.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1931	1932	1933	1934	1935
January	1,488,721	1,413,918	1,396,661	1,725,264	2,012,742
February	1,338,988	1,325,133	1,299,580	1,614,425	1,803,446
March	1,417,558	1,388,697	1,371,060	1,797,334	1,943,554
April	1,411,090	1,329,489	1,296,805	1,697,909	1,881,028
May	1,365,786	1,271,015	1,349,942	1,830,820	1,923,071
June	1,289,828	1,198,232	1,370,901	1,708,632	x1,816,250
July	1,251,323	1,155,581	1,442,657	1,621,314	x1,791,543
August	1,256,149	1,230,220	1,508,216	1,676,865	1,851,130
Sub total	10,819,443	10,312,285	11,035,822	13,672,563	15,022,764
September	1,288,413	1,279,140	1,489,322	1,627,289	
October	1,428,342	1,390,144	1,617,608	1,853,226	
November	1,415,020	1,448,227	1,702,363	1,953,512	
December	1,432,182	1,433,191	1,707,886	2,052,940	
TOTAL	16,383,400	15,862,987	17,553,001	21,159,530	

EXPORTS TO THE UNITED STATES

January	162,443	61,767	48,018	100,485	113,878
February	145,498	52,422	46,440	102,151	109,524
March	127,985	55,414	45,343	112,115	103,956
April	97,677	54,982	35,272	63,105	97,475
May	86,824	51,354	42,874	111,000	94,256
June	88,602	64,864	86,673	113,640	107,994
July	95,085	59,015	119,192	105,866	x93,348
August	99,781	69,192	109,592	115,988	130,301
Sub total	903,895	469,010	533,404	924,350	830,731
September	93,288	71,500	122,907	107,114	
October	95,423	50,737	127,243	107,122	
November	73,357	35,023	106,457	99,714	
December	69,362	41,610	99,353	110,508	
TOTAL	1,235,325	667,880	989,364	1,248,808	

OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January	1,179,856	1,130,430	1,062,447	1,225,962	1,373,019
February	1,052,887	1,056,607	960,342	1,127,664	1,222,559
March	1,143,625	1,094,779	1,024,147	1,252,827	1,357,778
April	1,122,294	1,016,348	970,017	1,160,066	1,294,449
May	1,125,041	999,749	1,023,979	1,261,178	1,331,332
June	1,072,893	932,648	1,019,082	1,176,141	1,273,599
July	1,039,037	902,740	1,056,634	1,172,789	x1,280,643
August	1,036,736	950,994	1,111,397	1,209,774	1,319,349
Sub total	8,772,369	8,084,295	8,228,045	9,586,401	10,452,728
September	1,068,277	990,920	1,117,383	1,192,695	
October	1,148,387	1,060,554	1,198,720	1,313,033	
November	1,132,312	1,123,982	1,204,309	1,315,837	
December	1,154,705	1,099,017	1,206,780	1,372,056	
TOTAL	13,276,050	12,358,768	12,955,237	14,780,022	

DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
OTTAWA

No. 9

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Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.).  
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

SEPTEMBER, 1935

Central electric stations in Canada produced 1,919,214,000 kilowatt hours during September, which was by far the largest September output on record, and the index number adjusted for seasonal variations reached a new high point of 195.91; the previous record was 192.28 made in August.

Compared with 1934 records, the total output increased by 17.9 per cent, or 291,925,000 kilowatt hours. This increase was made up of increases in exports to the United States of 35,061,000 kilowatt hours, or from 107,114,000 to 142,175,000 kilowatt hours, in deliveries to electric boilers of 116,986,000 kilowatt hours or from 327,480,000 to 444,466,000 kilowatt hours, and in lighting and power consumptions and line losses of 139,878,000 kilowatt hours, or from 1,192,695,000 to 1,332,573,000 kilowatt hours. This last, which for the sake of brevity we call the consumption of firm power in Canada, was an increase of 11.7 per cent and in a general way it indicates the relative industrial activity in Canada. The index number was slightly lower than the peak made in August, declining from 173.83 to 173.21; the fifth Sunday in September would have a lowering effect.

The consumption of firm power in Quebec increased from 403,020,000 to 463,922,000 kilowatt hours, or 16.3 per cent, in Ontario from 504,218,000 to 561,190,000 kilowatt hours, or 11.3 per cent, in the Maritime Provinces from 53,548,000 to 57,706,000 kilowatt hours, or 7.8 per cent, in the Prairie Provinces from 110,910,000 to 119,570,000 kilowatt hours, or 7.8 per cent, and in British Columbia from 120,999,000 to 125,185,000 kilowatt hours, or 3.5 per cent.

21/10/35



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>MONTHLY OUTPUTS</u>						
<u>Generated by Water Power</u>						
Sept. 1935	1,201,011	41,442	1,045,389	546,865	124,220	127,117
Aug. 1935	x1,851,153	49,761	x1,003,785	x529,590	107,891	129,865
Sept. 1934	1,777,289	40,557	852,236	472,978	109,400	122,112
<u>Generated by</u>						
Sept. 1935	44,201	15,963	263	38	14,849	88
Aug. 1935	50,261	15,680	283	46	14,154	98
Sept. 1934	50,000	15,403	...	30	14,480	93
<u>Total Output</u>						
Sept. 1935	1,919,214	60,405	1,045,632	546,903	139,069	127,205
Aug. 1935	x1,851,153	65,441	x1,004,068	x529,636	122,045	129,963
Sept. 1934	1,627,289	55,960	852,236	473,008	123,880	122,205
<u>Total to Date</u>						
1935	16,942,001	588,064	9,180,264	4,878,165	1,173,861	1,121,647
1934	15,299,852	556,593	8,147,973	4,475,990	1,069,909	1,049,387
<u>PROVINCIAL CONSUMPTIONS<sup>1/</sup></u>						
Sept. 1935	1,777,039	59,125	801,004	650,675	140,719	125,516
Aug. 1935	x1,720,348	63,160	x766,772	x637,955	123,613	128,343
Sept. 1934	1,520,175	54,865	646,469	572,792	124,918	121,131
<u>Total to Date</u>						
1935	15,949,093	578,592	7,146,481	5,930,914	1,187,018	1,103,088
1934	14,363,388	546,544	6,365,290	5,337,583	1,081,755	1,037,216

INDEX NUMBERS

	January	February	March	April	May	June
						TO
1933	132.93	134.68	133.42	131.97	134.59	143.99
1934	164.21	167.31	174.90	172.79	182.54	179.47
1935	x191.57	186.90	189.13	191.43	191.74	x190.77
<u>OUTPUT LESS EXPORTS</u>						
1933	129.83	128.59	128.07	127.21	131.46	136.54
1934	149.81	151.00	156.66	152.13	161.92	157.59
1935	x166.58	x162.57	x168.63	x168.71	x169.88	x169.04

1/ Production plus provincial imports less provincial exports.

x Revised.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS<sup>2/</sup></u>					
62,934	1,481	34,846	18,229	4,141	4,237
58,738	1,605	x32,380	17,084	3,480	4,189
53,243	1,352	28,409	15,766	3,647	4,070
1,040	532	9	1	495	3
976	506	9	1	457	3
1,000	513	..	1	483	3
63,974	2,013	34,855	18,230	4,636	4,240
59,714	2,111	x32,389	17,085	x3,937	4,192
54,243	1,865	28,408	15,767	4,130	4,073
62,059	2,154	33,627	17,869	4,300	4,109
56,043	2,039	29,846	16,395	3,919	3,844
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
	(3)			(4)	
444,466	1,419	332,082	89,485	21,149	331
401,481	1,892	299,914	88,434	10,903	338
327,480	1,317	243,449	68,574	14,003	132
4,213,111	26,606	3,097,331	898,069	187,684	3,421
3,589,291	27,398	2,731,995	673,448	155,082	1,368

(Average, 1926 = 100)

July	August	September	October	November	December
<u>OUTPUT</u>					
152.17	156.66	152.03	151.51	<u>160.31</u>	159.11
171.02	174.13	166.11	173.57	183.96	<u>191.26</u>
188.98	192.28	<u>195.91</u>			
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
141.74	<u>146.43</u>	145.24	143.19	144.84	142.73
157.32	159.39	155.03	156.85	158.25	<u>162.28</u>
172.62	<u>173.33</u>	173.21			

<sup>2/</sup> No allowance is made for the effect of holidays, Sundays or Saturdays, etc.

<sup>3/</sup> New Brunswick only.      <sup>4/</sup> Manitoba only.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1931	1932	1933	1934	1935
January	<u>1,488,721</u>	1,413,918	1,396,661	1,725,264	<u>2,012,742</u>
February	<u>1,338,988</u>	1,325,133	1,299,580	1,614,425	<u>1,803,446</u>
March	<u>1,417,558</u>	1,388,697	1,371,060	1,797,334	<u>1,943,554</u>
April	<u>1,411,090</u>	1,329,489	1,296,805	1,697,909	<u>1,881,028</u>
May	<u>1,365,786</u>	1,271,015	1,349,942	1,830,820	<u>1,923,071</u>
June	<u>1,289,828</u>	1,198,232	1,370,901	1,708,632	<u>1,816,250</u>
July	<u>1,251,323</u>	1,155,581	1,442,657	1,621,314	<u>1,791,543</u>
August	<u>1,256,149</u>	1,230,220	1,508,216	1,676,865	<u>x1,851,153</u>
September	<u>1,238,413</u>	1,279,140	1,439,322	1,627,289	<u>1,919,214</u>
Sub total	<u>12,107,856</u>	<u>11,591,425</u>	<u>12,525,144</u>	<u>15,299,852</u>	<u>16,942,001</u>
October	<u>1,423,342</u>	1,390,144	1,617,608	1,853,226	
November	<u>1,415,020</u>	<u>1,448,227</u>	1,702,363	1,953,512	
December	<u>1,432,182</u>	<u>1,433,191</u>	<u>1,707,886</u>	<u>2,052,940</u>	
TOTAL	<u>16,383,400</u>	<u>15,862,987</u>	<u>17,553,001</u>	<u>21,159,530</u>	
<u>EXPORTS TO THE UNITED STATES</u>					
January	<u>162,443</u>	61,767	48,018	100,485	113,878
February	<u>145,498</u>	52,422	46,440	102,151	109,524
March	<u>127,985</u>	55,414	45,343	112,115	103,956
April	<u>97,677</u>	54,982	35,272	63,105	97,475
May	<u>86,824</u>	51,354	42,874	111,000	94,256
June	<u>88,602</u>	64,864	86,673	113,640	107,994
July	<u>95,085</u>	59,015	119,192	105,866	93,348
August	<u>99,781</u>	69,192	109,592	<u>115,988</u>	<u>x130,305</u>
September	<u>93,288</u>	<u>71,500</u>	122,907	107,114	<u>142,175</u>
Sub total	<u>997,183</u>	<u>540,510</u>	<u>656,311</u>	<u>931,464</u>	<u>992,911</u>
October	<u>95,423</u>	<u>50,737</u>	<u>127,243</u>	107,122	
November	<u>73,357</u>	<u>35,023</u>	106,457	99,714	
December	<u>69,362</u>	<u>41,610</u>	99,353	110,508	
TOTAL	<u>1,235,325</u>	<u>667,880</u>	<u>989,364</u>	<u>1,248,808</u>	
<u>OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS</u>					
January	<u>1,179,856</u>	<u>1,130,430</u>	1,062,447	1,225,962	<u>x1,363,198</u>
February	<u>1,052,887</u>	1,056,607	960,342	1,127,664	<u>x1,214,082</u>
March	<u>1,143,625</u>	1,094,779	1,024,147	1,252,827	<u>x1,348,493</u>
April	<u>1,122,294</u>	1,016,348	970,017	1,160,066	<u>x1,286,532</u>
May	<u>1,125,041</u>	999,749	1,023,979	1,261,178	<u>x1,323,255</u>
June	<u>1,072,893</u>	932,648	1,019,082	1,176,141	<u>x1,261,648</u>
July	<u>1,039,037</u>	902,740	1,056,634	1,172,789	<u>x1,286,833</u>
August	<u>1,036,736</u>	950,994	1,111,397	1,209,774	<u>x1,319,367</u>
September	<u>1,068,277</u>	990,920	<u>1,117,383</u>	<u>1,192,695</u>	<u>1,332,573</u>
Sub total	<u>9,840,646</u>	<u>9,075,215</u>	<u>9,345,428</u>	<u>10,779,096</u>	<u>11,735,981</u>
October	<u>1,148,387</u>	<u>1,060,554</u>	1,198,720	1,313,033	
November	<u>1,132,312</u>	<u>1,123,982</u>	1,204,309	1,315,837	
December	<u>1,154,705</u>	<u>1,099,017</u>	<u>1,206,780</u>	<u>1,372,056</u>	
TOTAL	<u>13,276,050</u>	<u>12,358,768</u>	<u>12,955,237</u>	<u>14,780,022</u>	



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DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
OTTAWA

No. 10

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Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.).  
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

OCTOBER, 1935

Canadian central electric stations continued to establish new high records by producing 2,162,569,000 kilowatt hours in October. This was not only the largest quantity produced in any month but, after adjusting for the unequal number of days in the months and the seasonal variations, the index number also reached a new high at 202.55 which was 6.64 points above the previous record made in September.

The exports to the United States increased from 142,177,000 kilowatt hours in September and 107,122,000 kilowatt hours in October last year to 146,530,000 kilowatt hours. The increase over last year was 63 per cent firm power and 37 per cent surplus power and the additional day about accounted for the increase over September.

Deliveries to electric boilers increased from 453,337,000 kilowatt hours in September to 563,108,000 kilowatt hours; in Quebec the increase was from 332,082,000 to 408,208,000 kilowatt hours, or by 23 per cent, and in Ontario from 98,356,000 to 123,301,000 kilowatt hours, or by 25 per cent.

The output less exports to the United States and deliveries to electric boilers, or the consumption of firm power in Canada (including losses), also established a new high record at 1,452,931,000 kilowatt hours and the index number rose from 172.06 for September and 156.85 for October last year to 173.56, an increase of 0.77 points over the index number for August, the previous high point. Quebec province showed the largest increase in consumption of firm power, comparing October with September, with an addition of 63,548,000 kilowatt hours, or 13.5 per cent. In Ontario this consumption increased by 41,452,000 kilowatt hours, or 7.5 per cent, in the Prairie Provinces by 10,171,000 kilowatt hours, or 8.5 per cent, in British Columbia by 8,450,000 kilowatt hours, or 6.7 per cent, and in the Maritime Provinces by 5,610,000 kilowatt hours, or 2.7 per cent.

In 1934 exports from Quebec to Ontario increased from 176,447,000 kilowatt hours in September to 202,539,000 kilowatt hours in October, but this year these exports decreased from 196,092,000 kilowatt hours in September to 185,224,000 kilowatt hours. The Hydro Electric Power Commission of Ontario purchases power from Quebec plants on a horse-power year demand basis and resells back to them off peak power on a kilowatt hour basis. Such kilowatt hours are not included in the exports from Quebec to Ontario.

11/11/35

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>MONTHLY OUTPUTS</u>						
<u>Generated by Water Power</u>						
Oct. 1935	2,122,992	46,811	1,176,353	626,559	137,698	135,571
Sept. 1935	1,888,013	44,442	1,045,369	546,865	124,220	127,111
Oct. 1934	1,821,541	48,823	1,009,597	516,425	122,455	124,241
<u>Generated by Fuel</u>						
Oct. 1935	39,577	17,933	280	61	21,149	15,874
Sept. 1935	31,201	15,963	263	38	14,849	8,111
Oct. 1934	31,685	15,649	...	50	15,874	11,811
<u>Total Output</u>						
Oct. 1935	2,162,569	64,744	1,176,633	626,620	158,847	135,722
Sept. 1935	1,919,214	60,405	1,045,632	546,903	139,069	127,200
Oct. 1934	1,853,226	64,472	1,009,597	516,475	138,329	124,352
<u>Total to Date</u>						
1935	19,104,570	652,808	10,356,897	5,504,785	1,332,708	1,257,371
1934	17,153,078	621,065	9,157,570	4,992,465	1,208,238	1,173,741
<u>PROVINCIAL CONSUMPTIONS<sup>1/</sup></u>						
Oct. 1935	2,016,039	63,761	940,676	717,072	160,457	134,071
Sept. 1935	x1,777,037	59,125	x801,002	650,675	140,719	125,511
Oct. 1934	1,746,105	63,231	777,796	642,430	139,496	123,151
<u>Total to Date</u>						
1935	17,965,130	640,353	8,087,155	6,647,986	1,347,475	1,242,162
1934	16,114,493	609,775	7,143,086	5,980,013	1,221,251	1,160,302

INDEX NUMBERS

	January	February	March	April	May	June
1933	132.93	134.68	133.42	131.97	134.59	143.97
1934	164.21	167.31	174.90	172.79	182.54	179.41
1935	191.57	186.90	189.13	191.43	191.74	190.71
<u>OUTPUT LESS EXPORTS</u>						
1933	129.83	128.59	128.07	127.21	131.46	136.51
1934	149.81	151.00	156.66	152.13	161.92	157.51
1935	x165.46	x161.15	x167.17	x167.13	x168.16	x167.41

1/ Production plus provincial imports less provincial exports.

x Revised.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS<sup>2/</sup></u>					
68,484	1,510	37,947	20,212	4,442	4,373
62,934	1,481	34,846	18,229	4,141	4,237
58,760	1,575	32,568	16,659	3,950	4,008
1,277	579	9	2	682	5
1,040	532	9	1	495	3
1,022	505	..	2	512	3
69,761	2,089	37,956	20,214	5,124	4,378
63,974	2,013	34,855	18,230	4,636	4,240
59,782	2,080	32,568	16,661	4,462	4,011
62,844	2,147	34,069	18,108	4,384	4,136
56,425	2,043	30,124	16,423	3,974	3,861
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
563,108	(3) 445	408,208	123,301	(4) 30,716	438
x453,337	1,419	332,082	x98,356	21,149	331
433,072	3,159	326,326	83,284	20,151	152
4,873,674	27,051	3,505,539	1,118,825	218,400	3,859
4,022,363	30,557	3,058,321	756,732	175,233	1,520

(Average, 1926 = 100)

July	August	September	October	November	December
<u>OUTPUT</u>					
152.17	156.66	152.03	151.51	<u>160.31</u>	159.11
171.02	174.18	166.11	173.57	183.96	<u>191.26</u>
188.98	192.28	195.91	<u>202.55</u>		
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
141.74	<u>146.43</u>	145.24	143.19	144.84	142.73
157.32	159.39	155.03	156.85	158.25	<u>162.28</u>
x171.03	x172.79	x172.06	<u>173.56</u>		

2/ No allowance is made for the effect of holidays, Sundays or Saturdays, etc.

3/ New Brunswick only.      4/ Manitoba only.



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1931	1932	1933	1934	1935
January	<u>1,488,721</u>	1,413,918	1,396,661	1,725,264	2,012,742
February	1,338,988	1,325,133	1,290,580	1,614,425	1,803,446
March	1,417,558	1,388,697	1,311,060	1,797,334	1,943,554
April	1,411,090	1,329,489	1,296,805	1,697,909	1,881,028
May	1,365,786	1,271,015	1,349,942	1,830,820	1,923,071
June	1,289,828	1,198,232	1,370,901	1,708,632	1,816,250
July	1,251,323	1,155,581	1,442,657	1,621,314	1,791,543
August	1,256,149	1,230,220	1,502,216	1,676,865	1,851,153
September	1,288,413	1,279,140	1,489,322	1,627,289	1,919,214
October	1,428,342	1,390,144	1,637,608	1,853,226	2,162,569
Sub Total	13,536,198	12,981,569	14,145,752	17,153,078	19,104,570
November	1,415,020	<u>1,443,227</u>	1,702,363	1,953,512	
December	1,432,182	1,433,191	1,707,886	<u>2,052,940</u>	
TOTAL	16,383,400	15,862,987	17,553,001	21,159,530	

EXPORTS TO THE UNITED STATES

January	<u>162,443</u>	61,767	48,018	100,485	113,878
February	145,498	52,422	46,440	102,151	109,524
March	127,985	55,414	45,343	112,115	103,956
April	97,677	54,982	35,272	63,105	97,475
May	86,824	51,354	42,874	111,000	94,256
June	88,602	64,864	86,673	113,640	107,994
July	95,085	59,015	119,192	105,866	93,348
August	99,781	69,192	109,592	<u>115,988</u>	130,305
September	93,288	<u>71,500</u>	122,907	107,114	x142,177
October	95,423	50,737	<u>127,243</u>	107,122	146,530
Sub Total	1,092,606	591,247	783,554	1,038,586	1,139,443
November	73,357	35,023	106,457	99,714	
December	69,362	41,610	99,353	110,508	
TOTAL	1,235,325	667,880	989,364	1,248,808	

OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January	<u>1,179,856</u>	<u>1,130,430</u>	1,062,447	1,225,962	x1,354,033
February	1,052,887	1,056,607	960,342	1,127,664	x1,203,481
March	1,143,625	1,094,779	1,024,141	1,252,827	x1,336,822
April	1,122,294	1,016,348	970,017	1,160,066	x1,274,495
May	1,125,041	999,749	1,023,979	1,261,178	x1,309,800
June	1,072,893	932,648	1,019,082	1,176,141	x1,249,692
July	1,039,037	902,740	1,056,634	1,172,789	x1,274,963
August	1,036,736	950,994	1,111,397	1,209,774	x1,311,538
September	1,068,277	990,920	1,117,383	1,192,695	x1,323,700
October	1,148,387	1,060,554	1,198,720	1,313,033	<u>1,452,931</u>
Sub Total	10,989,033	10,135,769	10,544,148	12,092,129	13,091,455
November	1,132,312	1,123,982	1,204,309	1,315,837	
December	1,154,705	1,099,017	<u>1,206,780</u>	<u>1,372,056</u>	
TOTAL	13,276,050	12,358,768	12,955,237	14,780,022	

x - Revised.

DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
OTTAWA

No. 11

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.).  
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

NOVEMBER, 1935

Central electric stations in Canada produced 2,143,314,000 kilowatt hours during November, as against 1,953,512,000 kilowatt hours in November last year and 2,162,569,000 kilowatt hours in last October. The decrease from October was largely in Quebec where the output was 72,218,000 kilowatt hours less and the exports to Ontario decreased from 185,224,000 to 111,761,000 kilowatt hours. The exports from Ontario stations to the United States decreased from 94,772,000 kilowatt hours in October to 65,142,000 kilowatt hours, so that with an increased production from 626,620,000 to 670,467,000 kilowatt hours the quantity consumed in the province (including line losses) was slightly greater than for October. The Quebec consumption also increased from 940,676,000 to 946,489,000 kilowatt hours, including deliveries of surplus power to electric boilers of 445,043,000 kilowatt hours in October and 467,297,000 kilowatt hours in November. Total deliveries to electric boilers amounted to 636,054,000 kilowatt hours, the highest yet recorded.

Exports to the United States decreased from 146,530,000 kilowatt hours in October to 112,305,000 kilowatt hours, but were above the exports for November last year by 12,591,000 kilowatt hours.

The index number of total production was 201.83, as against 183.96 for November, 1934, and 202.55 for October, 1935, which was the highest on record. The index number for total output less exports and surplus power delivered to electric boilers was 167.77. The peak was 172.16 for August and each succeeding month has shown declines.

21/12/35

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>MONTHLY OUTPUTS</u>						
<u>Generated by Water Power</u>						
Nov. 1935	2,101,951	43,977	1,104,144	670,402	148,888	134,540
Oct. 1935	2,122,992	46,811	1,176,353	626,559	137,698	135,571
Nov. 1934	1,918,216	60,145	1,084,381	524,313	122,755	126,622
<u>Generated by Fuel</u>						
Nov. 1935	41,363	19,067	271	65	21,791	169
Oct. 1935	39,577	17,933	280	61	21,149	154
Nov. 1934	35,296	16,236	...	49	18,880	131
<u>Total Output</u>						
Nov. 1935	2,143,314	63,044	1,104,415	670,467	170,679	134,709
Oct. 1935	2,162,569	64,744	1,176,633	626,620	158,847	135,725
Nov. 1934	1,953,512	76,381	1,084,381	524,362	141,635	126,753
<u>Total to Date</u>						
1935	21,247,884	715,852	11,461,312	6,175,252	1,503,387	1,392,081
1934	19,106,590	697,446	10,241,951	5,516,827	1,349,873	1,300,493
<u>PROVINCIAL CONSUMPTIONS 1/</u>						
Nov. 1935	2,031,009	62,095	946,489	717,085	172,351	132,989
Oct. 1935	2,016,039	63,761	940,676	717,072	160,457	134,073
Nov. 1934	1,853,798	75,292	846,005	664,151	142,831	125,519
<u>Total to Date</u>						
1935	19,996,139	702,448	9,033,644	7,365,071	1,519,826	1,375,150
1934	17,968,291	685,067	7,989,091	6,644,164	1,364,082	1,285,887

INDEX NUMBERS

	January	February	March	April	May	June
						<u>TOTAL</u>
1933	132.93	134.68	133.42	131.97	134.59	143.99
1934	164.21	167.31	174.90	172.79	182.54	179.47
1935	191.57	186.90	189.13	191.43	191.74	190.77
<u>*OUTPUT LESS EXPORTS AND</u>						
1933	128.57	127.20	126.65	125.83	130.12	134.87
1934	148.71	149.57	154.98	149.66	159.83	155.27
1935	164.31	159.85	165.26	166.25	167.53	166.90

1/ Production plus provincial imports less provincial exports.

x Revised.



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS<sup>2/</sup></u>					
70,065	1,466	36,805	22,347	4,963	4,484
68,484	1,510	37,947	20,212	4,442	4,373
63,941	2,005	36,146	17,477	4,092	4,221
1,379	636	9	2	726	6
1,277	579	9	2	682	5
1,176	541	..	2	629	4
71,444	2,102	36,814	22,349	5,689	4,490
69,761	2,089	37,956	20,214	5,124	4,378
65,117	2,546	36,146	17,479	4,721	4,225
63,616	2,143	34,315	18,489	4,501	4,168
57,205	2,088	30,664	16,517	4,042	3,894
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
	(3)			(4)	
636,054	...	467,297	125,129	43,152	476
x 600,143	445	x 445,043	x 123,501	30,716	438
561,113	7,055	412,697	115,158	25,808	395
5,611,159	27,051	4,066,103	1,252,119	261,552	4,334
4,742,906	37,612	3,470,998	1,029,797	201,041	3,458

(Average, 1926 = 100)

July	August	September	October	November	December
<u>OUTPUT</u>					
152.17	156.66	152.03	151.51	160.31	159.11
171.02	174.18	166.11	173.57	183.96	191.26
188.98	192.28	195.91	202.55	201.83	
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
140.27	144.86	143.87	142.09	143.42	141.15
155.51	156.94	152.50	154.17	155.47	159.46
170.48	172.16	171.35	169.14	167.77	

<sup>2/</sup> No allowance is made for the effect of holidays, Sundays or Saturdays, etc.

<sup>3/</sup> New Brunswick only.

<sup>4/</sup> Manitoba only.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1931	1932	1933	1934	1935
January	1,488,721	1,413,918	1,396,661	1,725,264	2,012,742
February	1,338,988	1,325,133	1,299,580	1,614,425	1,803,446
March	1,417,558	1,388,697	1,371,060	1,797,334	1,943,554
April	1,411,090	1,329,489	1,296,805	1,697,909	1,881,028
May	1,365,786	1,271,015	1,349,942	1,830,820	1,923,071
June	1,289,828	1,198,232	1,370,901	1,708,632	1,816,250
July	1,251,323	1,155,581	1,442,657	1,621,314	1,791,543
August	1,256,149	1,230,220	1,508,216	1,676,865	1,851,153
September	1,288,413	1,279,140	1,489,322	1,627,289	1,919,214
October	1,428,342	1,390,144	1,617,608	1,853,226	2,162,569
November	1,415,020	1,448,227	1,702,363	1,953,512	2,143,314
Sub Total	14,951,218	14,429,796	15,845,115	19,106,530	21,247,884
December	1,432,182	1,433,191	1,707,886	2,052,940	
TOTAL	16,383,400	15,862,987	17,553,001	21,159,530	

EXPORTS TO THE UNITED STATES

January	162,443	61,767	48,018	100,485	113,878
February	145,498	52,422	46,440	102,151	109,524
March	127,985	55,414	45,343	112,115	103,956
April	97,677	54,982	35,272	63,105	97,475
May	86,824	51,354	42,874	111,000	94,256
June	88,602	64,864	86,673	113,640	107,994
July	95,085	59,015	119,192	x105,856	93,348
August	99,781	69,192	109,592	115,988	130,305
September	93,288	71,500	122,907	107,114	142,177
October	95,423	50,737	127,243	107,122	146,530
November	73,357	35,023	106,457	99,714	112,305
Sub Total	1,165,963	626,270	890,011	1,138,290	1,251,748
December	69,362	41,610	99,353	110,508	
TOTAL	1,235,325	667,880	989,364	x1,248,798	

x OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January	1,174,919	1,124,045	1,052,123	1,216,922	1,344,646
February	1,049,623	1,051,063	949,956	1,117,047	1,193,820
March	1,139,454	1,089,190	1,012,774	1,239,377	1,321,545
April	1,112,176	1,011,222	959,513	1,141,203	1,267,776
May	1,112,030	995,125	1,014,092	1,244,982	1,304,893
June	1,064,971	927,105	1,006,602	1,158,889	1,245,659
July	1,033,696	897,727	1,045,695	1,159,301	1,270,867
August	1,036,314	946,029	1,099,524	1,191,218	1,306,710
September	1,067,839	985,948	1,106,841	1,173,190	1,318,213
October	1,142,812	1,054,670	1,189,454	1,290,580	1,415,896
November	1,127,113	1,117,840	1,192,494	1,292,686	1,394,955
Sub Total	12,060,947	11,199,964	11,629,068	13,225,395	14,384,980
December	1,148,497	1,092,474	1,193,359	1,348,205	
TOTAL	13,209,444	12,292,438	12,822,427	14,573,600	

x - Revised.

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Minister of Trade and Commerce.

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DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
OTTAWA

No. 12

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Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.).  
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

DECEMBER, 1935

Central electric stations in Canada produced 2,156,525,000 kilowatt hours during December which was an increase of 5 per cent over the December 1934 output. Between one and two per cent of this would be due to the fifth Saturday in December, 1934.

Exports to the United States amounted to 112,841,000 kilowatt hours as against 110,508,000 kilowatt hours in 1934 and deliveries to electric boilers increased from 594,227,000 kilowatt hours to 632,590,000 kilowatt hours. Consumption of firm power in Canada, or output less exports and deliveries to electric boilers, amounted to 1,411,094,000 kilowatt hours, or 4.7 per cent above the December 1934 consumption, and the index number rose from 159.46, the highest in 1934, to 166.90.

The total output for the year established a new high record at 23,404,408,000 kilowatt hours, an increase over the 1934 output of 2,244,878,000 kilowatt hours, or 10.6 per cent. Exports accounted for 115,791,000 kilowatt hours of this increase, electric boiler deliveries for 906,616,000 kilowatt hours of it and lighting and power, including line losses, for the remaining 1,222,471,000 kilowatt hours.



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>MONTHLY OUTPUTS</u>						
<u>Generated by Water Power</u>						
Dec. 1935	2,117,404	44,149	1,100,864	681,644	156,681	134,066
Nov. 1935	2,101,951	43,977	1,104,144	670,402	148,888	134,540
Dec. 1934	2,017,977	57,739	1,114,243	578,876	132,701	134,418
<u>Generated by Fuel</u>						
Dec. 1935	39,121	17,355	141	50	21,452	123
Nov. 1935	41,363	19,067	271	65	21,791	169
Dec. 1934	34,963	14,491	...	55	20,243	174
<u>Total Output</u>						
Dec. 1935	2,156,525	61,504	1,101,005	681,694	178,133	134,189
Nov. 1935	2,143,314	63,044	1,104,415	670,467	170,679	134,709
Dec. 1934	2,052,940	72,230	1,114,243	578,931	152,944	134,592
<u>Total to Date</u>						
1935	23,404,408	777,356	12,562,317	6,856,946	1,681,520	1,526,269
1934	21,159,530	769,676	11,356,194	6,095,758	1,502,817	1,435,085
<u>PROVINCIAL CONSUMPTIONS<sup>1/</sup></u>						
Dec. 1935	2,043,684	60,536	925,483	745,406	179,643	132,616
Nov. 1935	2,031,009	62,095	946,489	717,085	172,351	132,989
Dec. 1934	1,942,432	71,161	880,717	703,062	154,222	133,270
<u>Total to Date</u>						
935	22,039,822	762,984	9,959,127	8,110,477	1,699,469	1,507,765
934	19,910,723	756,227	8,869,808	7,347,226	1,518,304	1,419,158

INDEX NUMBER

	January	February	March	April	May	June
						<u>TOT.</u>
1933	132.93	134.68	133.42	131.97	134.59	143.99
1934	164.21	167.31	174.90	172.79	182.54	179.47
1935	191.57	186.90	189.13	191.43	191.74	190.77
<u>OUTPUT LESS EXPORTS AND</u>						
1933	128.57	127.20	126.65	125.83	130.19	134.87
1934	148.71	149.57	154.98	149.66	159.83	155.27
1935	164.31	159.85	165.26	166.25	167.53	166.90

<sup>1/</sup> Production plus provincial imports less provincial exports.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS<sup>2/</sup></u>					
68,303	1,424	35,512	21,988	5,054	4,325
70,065	1,466	36,805	22,347	4,963	4,484
65,096	1,863	35,943	18,673	4,281	4,336
1,262	560	4	2	692	4
1,379	636	9	2	726	6
1,128	467		2	653	6
69,565	1,984	35,516	21,990	5,746	4,329
71,444	2,102	36,814	22,349	5,689	4,490
66,224	2,330	35,943	18,675	4,934	4,342
64,122	2,130	34,417	18,786	4,607	4,182
57,971	2,109	31,113	16,700	4,118	3,931
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
	(3)			(4)	
632,590	1,036	449,528	132,113	49,549	364
636,054	...	467,297	125,129	43,152	476
594,227	6,842	429,719	125,080	32,127	459
6,243,749	28,087	4,515,631	1,384,232	311,101	4,698
5,337,133	44,454	3,900,717	1,154,877	233,168	3,917

(Average, 1926 = 100)

July	August	September	October	November	December
<u>OUTPUT</u>					
152.17	156.66	152.03	151.51	160.31	159.11
171.02	174.18	166.11	173.57	183.96	191.26
188.98	192.28	195.91	202.55	201.83	200.91
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
140.27	144.86	143.87	142.09	143.42	141.15
155.51	156.94	152.50	154.17	155.47	159.46
170.48	172.16	171.35	169.14	167.77	166.90

<sup>2/</sup> No allowance is made for the effect of holidays, Sundays or Saturdays, etc.

<sup>3/</sup> New Brunswick only.      <sup>4/</sup> Manitoba only.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1931	1932	1933	1934	1935
January	<u>1,488,721</u>	1,413,918	1,396,661	1,725,264	2,012,742
February	1,338,988	1,325,133	1,299,580	1,614,425	1,803,446
March	1,417,558	1,388,697	1,371,060	1,797,334	1,943,554
April	1,411,090	1,329,489	1,296,805	1,697,909	1,881,028
May	1,365,786	1,271,015	1,349,942	1,830,820	1,923,071
June	1,289,828	1,198,232	1,370,901	1,708,632	1,816,250
July	1,251,323	1,155,581	1,442,657	1,621,314	1,791,543
August	1,256,149	1,230,220	1,508,216	1,676,865	1,851,153
September	1,288,413	1,279,140	1,489,322	1,627,289	x1,919,213
October	1,428,342	1,390,144	1,617,608	1,853,226	<u>2,162,569</u>
November	1,415,020	<u>1,448,227</u>	1,702,363	1,953,512	2,143,314
December	1,432,182	1,433,191	<u>1,707,886</u>	<u>2,052,940</u>	2,156,525
TOTAL	16,383,400	15,862,987	17,553,001	21,159,530	23,404,408

EXPORTS TO THE UNITED STATES

January	<u>162,443</u>	61,767	48,018	100,485	113,878
February	<u>145,498</u>	52,422	46,440	102,151	109,524
March	127,985	55,414	45,343	112,115	103,956
April	97,677	54,982	35,272	63,105	97,475
May	86,824	51,354	42,874	111,000	94,256
June	88,602	64,864	86,673	113,640	107,994
July	95,085	59,015	119,192	105,856	93,348
August	99,781	69,192	109,592	<u>115,988</u>	130,305
September	93,288	<u>71,500</u>	122,907	107,114	142,177
October	95,423	50,737	<u>127,243</u>	107,122	<u>146,530</u>
November	73,357	35,023	106,457	99,714	112,305
December	69,362	41,610	99,353	110,508	112,841
TOTAL	1,235,325	667,880	989,364	1,248,798	1,364,589

OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January	<u>1,174,919</u>	<u>1,124,045</u>	1,052,123	1,216,922	1,344,646
February	1,049,623	1,051,063	949,956	1,117,047	1,193,820
March	1,139,454	1,089,190	1,012,774	1,239,377	1,321,545
April	1,112,176	1,011,222	959,513	1,141,203	1,267,776
May	1,112,030	995,125	1,014,092	1,244,982	1,304,893
June	1,064,971	927,105	1,006,602	1,158,889	1,245,659
July	1,033,696	897,727	1,045,695	1,159,301	1,270,867
August	1,036,314	946,029	1,099,524	1,191,218	1,306,710
September	1,067,839	985,948	1,106,841	1,173,190	1,318,213
October	1,142,812	1,054,670	1,189,454	1,290,580	<u>1,415,896</u>
November	1,127,113	1,117,840	1,192,494	1,292,686	1,394,955
December	1,148,497	1,092,474	<u>1,193,359</u>	<u>1,348,205</u>	1,411,094
TOTAL	13,209,444	12,292,438	12,822,427	14,573,600	15,796,074



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DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
OTTAWA

No. 1

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.).  
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

JANUARY, 1936

Canadian central electric stations produced 2,091,041,000 kilowatt hours during January, as against 2,012,742,000 kilowatt hours in January, 1935, and 2,156,525,000 kilowatt hours in December last, and the index number adjusted for seasonal changes dropped from 200.91 for December to 199.02.

Exports to the United States increased from 112,838,000 kilowatt hours in December to 118,051,000 kilowatt hours, but deliveries of surplus and off-peak power to electric boilers dropped from 632,590,000 kilowatt hours in December to 558,641,000 kilowatt hours.

Consumption in Canada of firm power, or output less exports and deliveries to electric boilers, amounted to 1,414,349,000 kilowatt hours which has been exceeded only in October, 1935. The index number, however, adjusted for seasonal variations, rose to a new high record of 172.83 as against 166.90 for December and 172.16 for August, 1935, the previous peak.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
MONTHLY OUTPUTS						
<u>Generated by Water Power</u>						
Jan. 1936	2,051,660	38,572	1,045,702	675,429	159,899	132,058
Dec. 1935	2,117,404	44,149	1,100,864	681,644	156,681	154,066
Nov. 1935	2,101,951	43,977	1,104,144	670,402	148,888	134,540
Jan. 1935	1,977,330	54,494	1,081,957	579,166	135,702	126,011
<u>Generated by Fuel</u>						
Jan. 1936	39,381	17,587	284	65	21,051	394
Dec. 1935	39,121	17,355	141	50	21,452	123
Nov. 1935	41,363	19,067	271	65	21,791	169
Jan. 1935	35,412	14,197	170	50	20,232	763
<u>Total Output</u>						
Jan. 1936	2,091,041	56,159	1,045,986	675,494	180,950	132,452
Dec. 1935	2,156,525	61,504	1,101,005	681,694	178,133	134,189
Nov. 1935	2,143,314	63,044	1,104,415	670,467	170,679	134,709
Jan. 1935	2,012,742	68,691	1,082,127	579,216	155,934	126,774
PROVINCIAL CONSUMPTIONS <sup>1/</sup>						
Jan. 1936	1,972,990	55,234	865,741	738,665	182,485	130,865
Dec. 1935	x2,043,688	60,536	x925,472	x745,410	179,643	x132,627
Nov. 1935	2,031,009	62,095	946,489	717,085	172,351	132,989
Jan. 1935	1,898,864	67,237	836,584	712,395	157,367	125,281

INDEX NUMBER

	January	February	March	April	May	June
						TOT
1933	132.93	134.68	133.42	131.97	134.59	143.99
1934	151.21	167.31	174.90	172.79	182.54	179.47
1935	191.67	186.90	189.13	191.43	191.74	190.77
1936	199.02					
OUTPUT LESS EXPORTS A						
1933	123.57	127.20	126.65	125.83	130.19	134.87
1934	146.71	149.57	154.98	149.66	159.83	155.27
1935	164.31	159.85	165.26	166.25	167.53	166.90
1936	172.86					

<sup>1/</sup> Production plus provincial imports less provincial exports.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
DAILY AVERAGE OUTPUTS <sup>2/</sup>					
66,182	1,244	33,732	21,788	5,158	4,260
68,303	1,424	35,512	21,988	5,054	4,325
70,065	1,466	36,805	22,347	4,963	4,484
63,785	1,758	34,902	18,683	4,377	4,065
1,270	567	9	2	679	13
1,262	560	4	2	692	4
1,379	636	9	2	726	6
1,143	458	5	2	653	25
67,452	1,811	33,741	21,790	5,837	4,273
69,565	1,984	35,516	21,990	5,746	4,329
71,444	2,102	36,814	22,349	5,689	4,490
64,928	2,216	34,907	18,685	5,030	4,090
DELIVERIES TO ELECTRIC BOILERS					
	(3)			(4)	
558,641	...	377,143	129,567	51,586	345
632,590	1,036	449,528	132,113	49,549	364
636,054	...	467,297	125,129	43,152	476
554,218	1,650	386,738	129,725	35,707	398

(Average, 1926 = 100)

July	August	September	October	November	December
OUTPUT					
152.17	156.66	152.03	151.51	160.31	159.11
171.02	174.18	166.11	173.57	183.96	191.26
188.98	192.28	195.91	202.55	201.83	200.91
DELIVERIES TO ELECTRIC BOILERS					
140.27	144.86	143.87	142.09	143.42	141.15
155.51	156.94	152.50	154.17	155.47	159.46
170.48	172.16	171.35	169.14	167.77	166.90

<sup>2/</sup> No allowance is made for the effect of holidays, Sundays or Saturdays, etc.

<sup>3/</sup> New Brunswick only.      <sup>4/</sup> Manitoba only.



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1932	1933	1934	1935	1936
January	1,413,918	1,396,661	1,725,264	2,012,742	2,091,041
February	1,325,133	1,299,580	1,614,425	x1,803,447	
March	1,388,697	1,371,060	1,797,334	x1,943,555	
April	1,329,489	1,296,805	1,697,909	x1,881,029	
May	1,271,015	1,349,942	1,830,820	1,923,071	
June	1,198,232	1,370,901	1,708,632	1,816,250	
July	1,155,581	1,442,657	1,621,314	x1,791,544	
August	1,250,220	1,508,216	1,676,865	1,851,153	
September	1,279,140	1,489,322	1,627,289	1,919,213	
October	1,390,144	1,617,608	1,853,226	<u>2,162,569</u>	
November	<u>1,448,227</u>	1,702,363	1,953,512	2,143,314	
December	1,433,191	1,707,886	<u>2,052,940</u>	2,156,525	
TOTAL	15,862,987	17,553,001	21,159,530	x23,404,412	

EXPORTS TO THE UNITED STATES

January	61,767	48,018	100,485	113,878	118,051
February	52,422	46,440	102,151	109,524	
March	55,414	45,343	112,115	x103,957	
April	54,982	35,272	63,105	97,475	
May	51,354	42,874	111,000	94,256	
June	64,864	86,673	113,640	107,994	
July	59,015	119,192	105,856	93,348	
August	69,192	109,592	<u>115,988</u>	130,305	
September	<u>71,500</u>	122,907	107,114	142,177	
October	50,737	<u>127,243</u>	107,122	<u>146,530</u>	
November	35,023	106,457	99,714	112,305	
December	41,610	99,353	110,508	x112,838	
TOTAL	667,880	989,364	1,248,798	x1,364,587	

OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January	<u>1,124,045</u>	1,052,123	1,216,922	1,344,646	1,414,349
February	1,051,063	949,956	1,117,047	1,193,820	
March	1,089,190	1,012,774	1,239,377	1,321,545	
April	1,011,222	959,513	1,141,203	1,267,776	
May	995,125	1,014,092	1,244,982	1,304,893	
June	927,105	1,006,602	1,158,889	1,245,659	
July	897,727	1,045,695	1,159,301	1,270,867	
August	946,029	1,099,524	1,191,218	1,306,710	
September	985,948	1,106,841	1,173,190	x1,317,312	
October	1,054,670	1,189,454	1,290,580	<u>1,415,896</u>	
November	1,117,840	1,192,494	1,292,686	1,394,955	
December	1,092,474	<u>1,193,359</u>	<u>1,348,205</u>	x1,411,097	
TOTAL	12,292,438	12,822,427	14,573,600	x15,795,176	

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DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
OTTAWA

No. 2

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Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.).  
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

FEBRUARY, 1936

Canadian central electric stations produced 1,937,550,000 kilowatt hours during February, as against 1,803,447,000 kilowatt hours in February last year, which was an increase of 7.4 per cent, or, allowing for the extra day, an increase of 3.7 per cent.

Exports amounted to 110,685,000 kilowatt hours and deliveries to electric boilers amounted to 529,983,000 kilowatt hours. The index number for output less exports and deliveries to electric boilers, adjusted for seasonal variations and also for the extra day, dropped from 172.83 for January to 167.66, the consumption dropping from 1,414,349,000 kilowatt hours, or 456,242,000 kilowatt hours per day, in January to 1,296,883,000 kilowatt hours, or 447,201,000 kilowatt hours per day, in February.

20/3/36

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>MONTHLY OUTPUTS</u>						
<u>Generated by Water Power</u>						
Feb. 1936	1,899,821	34,049	984,744	612,932	151,637	116,459
Jan. 1936	2,051,660	38,572	1,045,702	675,429	159,899	132,058
Feb. 1935	1,772,812	39,961	962,720	544,279	113,686	112,166
<u>Generated by Fuel</u>						
Feb. 1936	37,729	16,659	268	60	19,713	1,029
Jan. 1936	39,381	17,587	284	65	21,051	394
Feb. 1935	30,635	13,507	171	31	16,796	130
<u>Total Output</u>						
Feb. 1936	1,937,550	50,708	985,012	612,992	171,350	117,488
Jan. 1936	2,091,041	56,159	1,045,986	675,494	180,950	132,452
Feb. 1935	1,803,447	53,468	962,891	544,310	130,482	112,296
<u>Total to Date</u>						
1936	4,028,591	106,867	2,030,998	1,288,486	352,300	249,940
1935	3,816,189	122,159	2,045,018	1,123,526	286,416	239,070
<u>PROVINCIAL CONSUMPTIONS<sup>1/</sup></u>						
Feb. 1936	1,826,865	49,622	795,547	692,905	172,983	115,808
Jan. 1936	x 1,972,991	55,234	865,741	738,665	182,485	x130,866
Feb. 1935	1,693,923	52,037	754,543	644,611	131,734	110,998
<u>Total to Date</u>						
1936	3,799,856	104,856	1,661,288	1,431,570	355,468	246,674
1935	3,592,787	119,274	1,591,127	1,357,006	289,101	236,279

INDEX NUMBER

	January	February	March	April	May	June
						<u>TOTAL</u>
1933	132.93	134.68	133.42	131.97	134.59	143.99
1934	164.21	167.31	174.90	172.79	182.54	179.47
1935	191.57	186.90	189.13	191.43	191.74	190.77
1936	199.02	193.88				
					<u>OUTPUT LESS EXPORTS A</u>	
1933	128.57	127.20	126.65	125.83	130.19	134.87
1934	148.71	149.57	154.98	149.66	159.83	155.27
1935	164.31	159.85	165.26	166.25	167.53	166.90
1936	172.83	167.66				

1/ Production plus provincial imports less provincial exports

x Revised.



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS<sup>2/</sup></u>					
65,511	1,174	33,957	21,135	5,229	4,016
66,182	1,244	33,732	21,788	5,158	4,260
63,315	1,427	34,383	19,439	4,060	4,006
1,301	574	9	2	680	36
1,270	567	9	2	679	13
1,094	482	6	1	600	5
66,812	1,748	33,966	21,137	5,909	4,052
67,452	1,811	33,741	21,790	5,837	4,273
64,409	1,909	34,389	19,440	4,660	4,011
67,143	1,781	33,850	21,475	5,872	4,165
64,681	2,070	34,661	19,043	4,855	4,052
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
529,983	(3) ...	355,538	123,733	(4) 50,226	486
x560,848	...	x 380,023	x 128,894	51,586	345
500,103	...	353,556	118,017	28,162	368
1,090,831	...	735,561	252,627	101,812	831
1,054,321	1,650	740,294	247,742	63,869	766

(Average, 1926 = 100)

July	August	September	October	November	December
<u>OUTPUT</u>					
152.17	156.66	152.03	151.51	160.31	159.11
171.02	174.18	166.11	173.57	183.96	191.26
188.98	192.28	195.91	202.55	201.83	200.91
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
140.27	144.86	143.87	142.09	143.42	141.15
155.51	156.94	152.50	154.17	155.47	159.46
170.48	172.16	171.35	169.14	167.77	166.90

/ No allowance is made for the effect of holidays, Sundays or Saturdays, etc.  
/ New Brunswick only. 4/ Manitoba only.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1932	1933	1934	1935	1936
January	1,413,918	1,396,661	1,725,264	2,012,742	2,091,041
February	1,325,133	1,299,580	1,614,425	1,803,447	1,937,550
March	1,388,697	1,371,060	1,797,334	1,943,555	
April	1,329,489	1,296,805	1,697,909	1,881,029	
May	1,271,015	1,349,942	1,830,820	1,923,071	
June	1,198,232	1,370,901	1,708,632	1,816,250	
July	1,155,581	1,442,657	1,621,314	1,791,544	
August	1,230,220	1,508,216	1,676,865	1,851,153	
September	1,279,140	1,489,322	1,627,289	1,919,213	
October	1,390,144	1,617,608	1,853,226	<u>2,162,569</u>	
November	<u>1,448,227</u>	1,702,363	1,953,512	2,143,314	
December	1,433,191	<u>1,707,886</u>	<u>2,052,940</u>	2,156,525	
TOTAL	15,862,987	17,553,001	21,159,530	23,404,412	

EXPORTS TO THE UNITED STATES

January	61,767	48,018	100,485	113,878	x118,050
February	52,422	46,440	102,151	109,524	110,685
March	55,414	45,343	112,115	103,957	
April	54,982	35,272	63,105	97,475	
May	51,354	42,874	111,000	94,256	
June	64,864	86,673	113,640	107,994	
July	59,015	119,192	105,856	93,348	
August	69,192	109,592	<u>115,988</u>	130,305	
September	<u>71,500</u>	122,907	107,114	142,177	
October	50,737	<u>127,243</u>	107,122	<u>146,530</u>	
November	35,023	106,457	99,714	112,305	
December	41,610	99,353	110,508	112,838	
TOTAL	667,880	989,364	1,248,798	1,364,587	

OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January	<u>1,124,045</u>	1,052,123	1,216,922	1,344,646	1,414,349
February	1,051,063	949,956	1,117,047	1,193,820	1,296,883
March	1,089,190	1,012,774	1,239,377	1,321,545	
April	1,011,222	959,513	1,141,203	1,267,776	
May	995,125	1,014,092	1,244,982	1,304,893	
June	927,105	1,006,602	1,158,889	1,245,659	
July	897,727	1,045,695	1,159,301	1,270,867	
August	946,029	1,099,524	1,191,218	1,306,710	
September	985,948	1,106,841	1,173,190	1,317,312	
October	1,054,670	1,189,454	1,290,580	<u>1,415,896</u>	
November	1,117,840	1,192,494	1,292,686	1,394,955	
December	1,092,474	<u>1,193,359</u>	<u>1,348,205</u>	1,411,097	
TOTAL	12,292,438	12,822,427	14,573,600	15,795,176	

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OTTAWA

No. 3

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Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.).  
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

MARCH, 1936.

The output of central electric stations in Canada reached a new high in March at 2,135,460,000 kilowatt hours and the index number rose to 207.81; the previous peak was 202.55 for October, 1935.

Exports to the United States increased from 103,957,000 kilowatt hours last year to 125,922,000 kilowatt hours and deliveries to electric boilers increased from 518,053,000 kilowatt hours in March 1935 to 625,272,000 kilowatt hours.

Total output less exports and deliveries to electric boilers amounted to 1,384,266,000 kilowatt hours and the index number rose from 167.66 for February and 172.83 for January to a new high at 173.10.

21/4/36



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>MONTHLY OUTPUTS</u>						
<u>Generated by Water Power</u>						
March, 1936	2,101,192	47,439	1,101,617	667,679	149,202	135,255
Feb. 1936	1,899,821	34,049	984,744	612,932	151,637	116,459
March, 1935	1,912,931	43,416	1,032,363	578,285	125,713	133,154
<u>Generated by Fuel</u>						
March, 1936	34,268	14,978	274	25	18,879	112
Feb. 1936	37,729	16,659	268	60	19,713	1,029
March, 1935	30,624	13,660	208	28	16,633	95
<u>Total Output</u>						
March, 1936	2,135,460	62,417	1,101,891	667,704	168,081	135,367
Feb. 1936	1,937,550	50,708	985,012	612,992	171,350	117,488
March, 1935	1,943,555	57,076	1,032,572	578,313	142,345	133,249
<u>Total to Date</u>						
1936	6,164,052	169,284	3,132,889	1,956,190	520,382	385,307
1935	5,759,744	179,235	3,077,590	1,701,839	428,761	372,319
<u>PROVINCIAL CONSUMPTIONS<sup>1/</sup></u>						
March, 1936	2,009,538	60,954	907,738	737,446	169,628	133,772
Feb. 1936	1,826,865	49,622	795,547	692,905	172,983	115,808
March, 1935	1,839,598	55,561	808,771	699,713	143,840	131,713
<u>Total to Date</u>						
1936	5,809,395	165,810	2,569,026	2,169,016	525,096	380,447
1935	5,432,385	174,835	2,399,898	2,056,719	432,941	367,992

INDEX NUMBER

	January	February	March	April	May	June
						<u>TOTAL</u>
1934	164.21	167.31	174.90	172.79	182.54	179.47
1935	191.57	186.90	189.13	191.43	191.74	190.77
1936	199.02	193.88	207.81			
<u>OUTPUT LESS EXPORTS</u>						
1934	148.71	149.57	154.93	149.66	159.83	155.27
1935	164.31	159.85	165.26	166.25	167.53	166.90
1936	172.83	167.66	173.10			

<sup>1/</sup> Production plus provincial imports less provincial exports.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
DAILY AVERAGE OUTPUTS <sup>2/</sup>					
67,780	1,530	35,536	21,538	4,813	4,363
65,511	1,174	33,957	21,135	5,229	4,016
61,707	1,401	33,302	18,654	4,055	4,295
1,106	483	9	1	609	4
1,301	574	9	2	680	36
988	441	7	1	536	3
68,886	2,013	35,545	21,539	5,422	4,367
66,812	1,748	33,966	21,137	5,909	4,052
62,695	1,842	33,309	18,655	4,591	4,298
67,737	1,860	34,427	21,497	5,718	4,235
63,997	1,992	34,195	18,909	4,764	4,137
DELIVERIES TO ELECTRIC BOILERS					
	(3)			(4)	
625,272	6,781	442,094	130,016	45,909	472
529,983	...	355,538	123,733	50,226	486
518,053	181	365,157	122,117	30,121	477
1,716,103	6,781	1,177,655	382,643	147,721	1,303
1,572,374	1,831	1,105,451	369,859	93,990	1,243

(Average, 1926 = 100)

July	August	September	October	November	December
OUTPUT					
171.02	174.18	166.11	173.57	183.96	191.26
188.98	192.28	195.91	202.55	201.83	200.91
DELIVERIES TO ELECTRIC BOILERS					
155.51	156.94	152.50	154.17	155.47	159.46
170.48	172.16	171.35	169.14	167.77	166.90

2/ No allowance is made for the effect of holidays, Sundays or Saturdays, etc.  
3/ New Brunswick only.      4/ Manitoba only.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1932	1933	1934	1935	1936
January	1,413,918	1,396,661	1,725,264	2,012,742	x2,091,042
February	1,325,133	1,299,580	1,614,425	1,803,447	1,937,550
March	1,388,697	1,371,060	1,797,334	1,943,555	2,135,460
Sub Total	4,127,748	4,067,301	5,137,023	5,759,744	6,164,052
April	1,329,489	1,298,805	1,697,909	1,881,029	
May	1,271,015	1,349,942	1,830,820	1,923,071	
June	1,198,232	1,370,901	1,708,632	1,816,250	
July	1,155,581	1,442,657	1,621,314	1,791,544	
August	1,230,220	1,508,216	1,676,865	1,851,153	
September	1,279,140	1,489,322	1,627,289	1,919,213	
October	1,390,144	1,617,608	1,853,226	2,162,569	
November	1,448,227	1,702,363	1,953,512	2,143,314	
December	1,433,191	1,707,886	2,052,940	2,156,525	
TOTAL	15,862,987	17,553,001	21,159,530	23,404,412	

EXPORTS TO THE UNITED STATES

January	61,767	48,018	100,485	113,878	118,050
February	52,422	46,440	102,151	109,524	110,685
March	55,414	45,343	112,115	103,957	125,922
Sub Total	169,603	139,801	314,751	327,359	354,656
April	54,982	35,272	63,105	97,475	
May	51,354	42,874	111,000	94,256	
June	64,864	86,673	113,640	107,994	
July	59,015	119,192	105,856	93,348	
August	69,192	109,592	115,988	130,305	
September	71,500	122,907	107,114	142,177	
October	50,737	127,243	107,122	146,530	
November	35,023	106,457	99,714	112,305	
December	41,610	99,353	110,508	112,838	
TOTAL	667,880	939,364	1,248,793	1,364,587	

OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January	1,124,045	1,052,123	1,216,922	1,344,646	1,414,349
February	1,051,063	949,956	1,117,047	1,193,820	1,296,883
March	1,089,190	1,012,774	1,239,377	1,321,545	1,384,266
Sub Total	3,264,298	3,014,853	3,573,346	3,860,011	4,095,498
April	1,011,222	959,513	1,141,203	1,267,776	
May	995,125	1,014,092	1,244,982	1,304,893	
June	927,105	1,006,602	1,158,889	1,245,659	
July	897,727	1,045,695	1,159,301	1,270,867	
August	946,029	1,099,524	1,191,218	1,306,710	
September	935,948	1,106,841	1,173,190	1,317,312	
October	1,054,670	1,189,454	1,290,580	1,415,896	
November	1,117,840	1,192,494	1,292,686	1,394,955	
December	1,092,474	1,193,359	1,348,205	1,411,097	
TOTAL	12,292,438	12,822,427	14,573,600	15,795,176	



DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
OTTAWA

57-0-31

No. 4

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Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.).  
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADAAPRIL, 1936

The monthly output of central electric stations in Canada reached a new high record of 2,163,717,000 kilowatt hours in April and the index number rose to 220.19, as against the previous high of 207.81 for March. All five divisions showed increases over April, 1935, and the Maritime Provinces and Quebec showed increases over March this year. These two divisions also showed increased consumptions over March; larger deliveries to electric boilers in Quebec more than accounted for this increase in that province.

Exports to the United States amounted to 125,497,000 kilowatt hours, or 29 per cent above last year's exports, and deliveries to electric boilers increased from 515,778,000 kilowatt hours in April, 1935, to 683,317,000 kilowatt hours, all divisions except British Columbia showing increases.

The consumption of firm power, or total production less exports and deliveries to electric boilers, was 1,354,904,000 kilowatt hours. Although this was below March and also October, 1935, consumption, the index number, adjusted for seasonal variations, reached a new high at 177.68; the March index at 173.77 was the previous peak.

1/5/36

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>MONTHLY OUTPUTS</u>						
<u>Generated by Water Power</u>						
April, 1936	2,130,970	59,288	1,139,601	663,684	136,632	131,765
March, 1936	2,101,192	47,439	1,101,617	667,679	149,202	135,255
April, 1935	1,854,252	53,065	1,028,940	533,740	118,689	119,818
<u>Generated by Fuel</u>						
April, 1936	32,747	14,887	261	14	17,393	192
March, 1936	34,268	14,978	274	25	18,879	112
April, 1935	26,777	13,708	211	23	12,755	80
<u>Total Output</u>						
April, 1936	2,163,717	74,175	1,139,862	663,698	154,025	131,957
March, 1936	2,135,460	62,417	1,101,891	667,704	168,081	135,367
April, 1935	1,881,029	66,773	1,029,151	533,763	131,444	119,898
<u>Total to Date</u>						
1936	8,327,769	243,459	4,272,751	2,619,888	674,407	517,264
1935	7,640,773	246,008	4,106,741	2,235,602	560,205	492,217
<u>PROVINCIAL CONSUMPTIONS<sup>1/</sup></u>						
April, 1936	2,038,221	73,064	958,895	720,314	155,381	130,567
March, 1936	2,009,538	60,954	907,738	737,446	169,628	133,772
April, 1935	1,783,554	65,564	805,219	661,467	133,026	118,278
<u>Total to Date</u>						
1936	7,847,618	238,874	3,527,921	2,889,330	680,477	511,016
1935	7,215,939	240,399	3,205,117	2,718,186	565,967	486,270

INDEX NUMBERS

	January	February	March	April	May	June
						TO
1934	164.21	167.31	174.90	172.79	182.54	179.47
1935	191.57	186.90	189.13	191.43	191.74	190.77
1936	199.02	193.88	207.81	<u>220.19</u>		
<u>OUTPUT LESS EXPORTS</u>						
1934	148.71	149.57	154.98	149.66	159.83	155.27
1935	164.31	159.85	165.26	166.25	167.53	166.90
1936	172.83	167.66	x173.77	<u>177.68</u>		

1/ Production plus provincial imports less provincial exports.  
x Revised.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS<sup>2/</sup></u>					
71,032	1,976	37,987	22,123	4,554	4,392
67,780	1,530	35,536	21,538	4,813	4,363
61,808	1,769	34,298	17,791	3,956	3,994
1,091	496	9	...	580	6
1,106	483	9	1	609	4
893	457	7	1	425	3
72,123	2,472	37,996	22,123	5,134	4,398
68,886	2,013	35,545	21,539	5,422	4,367
62,701	2,226	34,305	17,792	4,381	3,997
68,826	2,012	35,312	21,652	5,574	4,275
63,673	2,050	34,223	18,630	4,668	4,102
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
	(3)			(4)	
683,317	7,538	506,214	128,984	40,223	358
x 619,901	x 4,092	x 439,412	130,016	45,909	472
515,778	3,775	372,817	114,637	24,184	365
2,388,303	11,630	1,675,441	511,627	187,944	1,661
2,088,152	5,606	1,478,268	484,496	118,174	1,608

(Average, 1926 = 100)

July	August	September	October	November	December
<u>OUTPUT</u>					
171.02	174.18	166.11	173.57	183.96	191.26
188.98	192.28	195.91	202.55	201.83	200.91
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
155.51	156.94	152.50	154.17	155.47	159.46
170.48	172.16	171.35	169.14	167.77	166.90

2/ No allowance is made for the effect of holidays, Sundays or Saturdays, etc.

3/ New Brunswick only.

4/ Manitoba only.



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1932	1933	1934	1935	1936
January	1,413,918	1,396,661	1,725,264	2,012,742	2,091,042
February	1,325,133	1,299,580	1,614,425	1,803,447	1,937,550
March	1,388,697	1,371,060	1,797,334	1,943,555	2,135,460
April	1,329,489	1,296,805	1,697,909	1,881,029	2,163,717
Sub Total	5,457,237	5,364,106	6,334,932	7,640,773	8,327,769
May	1,271,015	1,349,942	1,830,820	1,923,071	
June	1,198,232	1,370,901	1,708,632	1,816,250	
July	1,155,581	1,442,657	1,621,314	1,791,544	
August	1,230,220	1,508,216	1,676,865	1,851,153	
September	1,279,140	1,489,322	1,627,289	1,919,213	
October	1,390,144	1,617,608	1,853,226	2,162,569	
November	1,448,227	1,702,363	1,953,512	2,143,314	
December	1,433,191	1,707,886	2,052,940	2,156,525	
TOTAL	15,862,987	17,553,001	21,159,530	23,404,412	

EXPORTS TO THE UNITED STATES

January	61,767	48,018	100,485	113,878	118,050
February	52,422	46,440	102,151	109,524	x110,684
March	55,414	45,343	112,115	103,957	x125,921
April	54,982	35,272	63,105	97,475	125,497
Sub Total	224,585	175,073	377,856	424,834	480,152
May	51,354	42,874	111,000	94,256	
June	64,864	86,673	113,640	107,994	
July	59,015	119,192	105,856	93,348	
August	69,192	109,592	115,988	130,305	
September	71,500	122,907	107,114	142,177	
October	50,737	127,243	107,122	146,530	
November	35,023	106,457	99,714	112,305	
December	41,610	99,353	110,508	112,838	
TOTAL	667,880	989,364	1,248,798	1,364,587	

OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January	1,124,045	1,052,123	1,216,922	1,344,646	x1,415,147
February	1,051,063	949,956	1,117,047	1,193,820	x1,299,627
March	1,089,190	1,012,774	1,239,377	1,321,545	x1,389,638
April	1,011,222	959,513	1,141,203	1,267,776	1,354,904
Sub Total	4,275,520	3,974,366	4,714,549	5,127,787	5,459,316
May	995,125	1,014,092	1,244,982	1,304,893	
June	927,105	1,006,602	1,158,889	1,245,659	
July	897,727	1,045,695	1,159,301	1,270,867	
August	946,029	1,099,524	1,191,218	1,306,710	
September	985,948	1,106,841	1,173,190	1,317,312	
October	1,054,670	1,189,454	1,290,580	1,415,896	
November	1,117,840	1,192,494	1,292,686	1,394,955	
December	1,092,474	1,193,359	1,348,205	1,411,097	
TOTAL	12,292,438	12,822,427	14,573,600	15,795,176	

DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
OTTAWA

No. 5

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.).  
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

MAY, 1936

The output of Canadian central electric stations for May amounted to 2,083,045,000 kilowatt hours compared with 1,923,071,000 for May, 1935. The record of increases over the corresponding month of the previous years is unbroken back to May, 1933, when the downward trend started in August, 1930, was definitely stopped. The output of Quebec was about one per cent below last year's due to decreased exports to Ontario, but the other provinces showed increases. The index number dropped to 207.69 as against the peak of 220.25 for April.

Exports to the United States increased from 125,496,000 kilowatt hours in April to 130,529,000 kilowatt hours, and deliveries to electric boilers declined from 683,517,000 kilowatt hours in April to 578,978,000 kilowatt hours.

The consumption of firm power rose from 1,355,475,000 kilowatt hours in April to 1,373,538,000, but the index number, adjusted for the number of days in the month and other factors, dropped from 177.75 to 176.34. It was second, however, to the peak reached in April. May contained five Sundays and five Saturdays and April contained only four of each. If adjustments were made for the effect of these extra two light consumption days, the index numbers for May would be raised somewhat.

24/6/36

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>MONTHLY OUTPUTS</u>						
<u>Generated by Water Power</u>						
May, 1936	2,049,395	56,963	1,050,174	672,355	129,400	140,503
April, "	x2,131,540	59,288	1,139,601	x664,254	136,632	131,765
May, 1935	1,896,121	57,830	1,061,757	535,894	113,655	126,985
<u>Generated by Fuel</u>						
May, 1936	33,650	15,737	277	20	17,531	85
April, "	32,747	14,887	261	14	17,393	192
May, 1935	26,950	13,476	231	20	13,143	80
<u>Total Output</u>						
May, 1936	2,083,045	72,700	1,050,451	672,375	146,931	140,588
April, "	x2,164,287	74,175	1,139,862	x664,268	154,025	131,957
May, 1935	1,923,071	71,306	1,061,988	535,914	126,798	127,065
<u>Total to Date</u>						
1936	10,411,384	316,159	5,323,202	3,292,833	821,338	657,852
1935	9,563,844	317,314	5,168,729	2,771,516	687,003	619,282
<u>PROVINCIAL CONSUMPTIONS 1/</u>						
May, 1936	1,952,516	71,662	904,761	688,605	148,248	139,240
April, "	x2,038,792	73,064	958,895	x720,884	155,381	x130,568
May, 1935	1,828,816	70,173	835,323	669,512	128,295	125,513
<u>Total to Date</u>						
1936	9,800,705	310,536	4,432,682	3,578,505	828,725	650,257
1935	9,044,755	310,572	4,040,440	3,387,698	694,262	611,783

INDEX NUMBERS

	January	February	March	April	May	June
						<u>TOTAL</u>
1934	164.21	167.31	174.90	172.79	182.54	179.47
1935	191.57	186.90	189.13	191.43	191.74	190.77
1936	199.02	193.88	207.81	x220.25	207.69	
<u>OUTPUT LESS EXPORTS AND</u>						
1934	148.71	149.57	154.98	149.66	159.83	155.27
1935	164.31	159.85	165.26	166.25	167.53	166.90
1936	172.83	167.66	173.77	x177.75	176.34	

1/ Production plus provincial imports less provincial exports.

x Revised.



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS<sup>2/</sup></u>					
66,109	1,837	33,877	21,689	4,174	4,532
x 71,051	1,976	37,987	x22,142	4,554	4,392
61,165	1,866	34,250	17,287	3,666	4,096
1,085	508	9	...	565	3
1,091	496	9	...	580	6
869	434	7	1	424	3
67,194	2,345	33,886	21,689	4,739	4,535
x72,142	2,472	37,996	22,142	5,134	4,398
62,034	2,300	34,257	17,288	4,090	4,099
68,496	2,080	35,021	21,663	5,404	4,328
63,336	2,101	34,230	18,354	4,550	4,101
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
(3)	(3)			(4)	
578,978	4,123	441,528	106,581	26,362	384
683,317	7,538	506,214	128,934	40,223	358
523,922	5,867	383,242	117,386	16,934	493
2,967,281	15,753	2,116,969	618,208	214,306	2,045
2,612,074	11,473	1,861,510	601,882	135,108	2,101

(Average, 1926 = 100)

July	August	September	October	November	December
<u>OUTPUT</u>					
171.02	174.18	166.11	173.57	183.96	191.26
188.98	192.28	195.91	202.55	201.83	200.91
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
155.51	156.94	152.50	154.17	155.47	159.46
170.48	172.16	171.35	169.14	167.77	166.90

<sup>2/</sup> No allowance is made for the effect of holidays, Sundays or Saturdays, etc.

<sup>3/</sup> New Brunswick only.

<sup>4/</sup> Manitoba only.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1932	1933	1934	1935	1936
January	1,413,918	1,396,661	1,725,264	2,012,742	2,091,042
February	1,325,133	1,299,580	1,614,425	1,803,447	1,937,550
March	1,388,697	1,371,060	1,797,334	1,943,555	2,135,460
April	1,329,489	1,296,805	1,697,909	1,881,029	2,163,717
May	1,271,015	1,349,942	1,830,820	1,923,071	2,083,045
Sub total	6,728,252	6,714,048	8,665,752	9,563,844	10,410,814
June	1,198,232	1,370,901	1,708,632	1,816,250	
July	1,155,581	1,442,657	1,621,314	1,791,544	
August	1,230,220	1,508,216	1,676,865	1,851,153	
September	1,279,140	1,489,322	1,627,289	1,919,213	
October	1,390,144	1,617,608	1,853,226	2,162,569	
November	1,448,227	1,702,363	1,953,512	2,143,314	
December	1,433,191	1,707,886	2,052,940	2,156,525	
TOTAL	15,862,987	17,553,001	21,159,530	23,404,412	

EXPORTS TO THE UNITED STATES

January	61,767	48,018	100,485	113,878	118,050
February	52,422	46,440	102,151	109,524	110,684
March	55,414	45,343	112,115	103,957	125,921
April	54,982	35,272	63,105	97,475	x125,496
May	51,354	42,874	111,000	94,256	130,529
Sub total	275,939	217,947	488,856	519,090	610,680
June	64,864	86,673	113,640	107,994	
July	59,015	119,192	105,856	93,348	
August	69,192	109,592	115,988	130,305	
September	71,500	122,907	107,114	142,177	
October	50,737	127,243	107,122	146,530	
November	35,023	106,457	99,714	112,305	
December	41,610	99,353	110,808	112,838	
TOTAL	667,880	989,364	1,248,798	1,364,587	

OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January	1,124,045	1,052,123	1,216,922	1,344,646	1,415,147
February	1,051,063	949,956	1,117,047	1,193,820	1,299,627
March	1,089,190	1,012,774	1,239,377	1,321,545	1,389,638
April	1,011,222	959,513	1,141,203	1,267,776	x1,355,475
May	995,125	1,014,092	1,244,982	1,304,893	1,373,538
Sub total	5,270,645	4,988,458	5,959,531	6,432,680	6,833,425
June	927,105	1,006,602	1,158,889	1,245,659	
July	897,727	1,045,695	1,159,301	1,270,867	
August	946,029	1,099,524	1,191,218	1,306,710	
September	985,948	1,106,841	1,173,190	1,317,312	
October	1,054,670	1,189,454	1,290,580	1,415,896	
November	1,117,840	1,192,494	1,292,686	1,394,955	
December	1,092,474	1,193,359	1,348,205	1,411,097	
TOTAL	12,292,438	12,822,427	14,573,600	15,795,176	

DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
OTTAWA

No. 6

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Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.)  
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

JUNE, 1936.

The total output of central electric stations during June amounted to 2,028,695,000 kilowatt hours which, on a daily basis, exceeded the May output by 0.6 per cent, and the index number rose from 207.69 for May to 213.09. This was exceeded only by the April index number (220.25). The increase over the June, 1935, output was 212,445,000 kilowatt hours, or 11.7 per cent.

Exports to the United States increased from 130,530,000 kilowatt hours in May to 157,868,000 kilowatt hours, the increase in off-peak exports being 25,746,000 kilowatt hours.

Deliveries to electric boilers decreased from 578,978,000 kilowatt hours in May to 515,897,000 kilowatt hours and the consumption of firm power in Canada (including line losses) amounted to 1,354,930,000 kilowatt hours. The index number for firm power consumption reached a new high record at 181.54, being 3.79 points above the previous peak reached in April.

21/7/36



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>MONTHLY OUTPUTS</u>						
<u>Generated by Water Power</u>						
June, 1936	1,997,091	56,809	1,022,875	661,222	110,291	140,484
May, "	2,041,836	55,963	1,050,174	672,355	129,400	140,503
June, 1935	1,788,045	57,871	982,233	530,315	97,157	120,469
<u>Generated by Fuel</u>						
June, 1936	35,614	17,700	285	37	17,507	85
May, "	33,650	15,737	277	20	17,531	85
June, 1935	28,205	15,002	233	24	12,863	83
<u>Total Output</u>						
June, 1936	2,028,695	75,909	1,023,160	661,259	127,798	140,569
May, "	2,083,045	72,700	1,050,451	672,375	146,931	140,588
June, 1935	1,816,250	72,873	982,466	530,339	110,020	120,552
<u>Total to Date</u>						
1936	12,440,079	392,068	6,346,362	3,954,092	949,136	798,421
1935	11,380,094	390,187	6,151,195	3,301,855	797,023	739,834
<u>PROVINCIAL CONSUMPTIONS<sup>1/</sup></u>						
June, 1936	1,870,827	74,539	883,234	644,721	129,086	139,247
May, "	x1,952,515	71,662	904,761	688,605	148,248	x139,239
June, 1935	1,708,256	71,962	772,604	633,155	111,311	119,224
<u>Total to Date</u>						
1936	11,671,531	385,075	5,315,916	4,223,226	957,811	789,503
1935	10,753,011	382,534	4,813,044	4,020,853	805,573	731,007

INDEX NUMBER

	January	February	March	April	May	June
						<u>TOTAL</u>
1934	164.21	167.31	174.90	172.79	182.54	179.47
1935	191.57	186.90	189.13	191.43	191.74	190.77
1936	199.02	193.88	207.81	<u>220.25</u>	207.69	213.09
<u>OUTPUT LESS EXPORTS AND</u>						
1934	148.71	149.57	154.98	149.66	159.83	155.27
1935	164.31	159.85	165.26	166.25	167.53	166.90
1936	172.83	167.66	173.77	177.75	176.34	<u>181.54</u>

<sup>1/</sup> Production plus provincial imports less provincial exports.

x Revised.

**OUTPUT OF CENTRAL ELECTRIC STATIONS**  
(Thousands of Kilowatt Hours)

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS<sup>2/</sup></u>					
66,436	1,940	34,096	22,041	3,676	4,683
66,109	1,837	33,877	21,689	4,174	4,532
59,601	1,929	32,741	17,677	3,239	4,015
1,187	590	9	1	584	3
1,085	508	9	...	565	3
941	500	8	1	429	3
67,623	2,530	34,105	22,042	4,260	4,686
67,194	2,345	33,886	21,689	4,739	4,535
60,542	2,429	32,749	17,678	3,668	4,018
68,352	2,154	34,870	21,726	5,215	4,387
62,873	2,156	33,984	18,242	4,403	4,088
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
	(3)			(4)	
515,897	7,766	412,734	82,783	12,245	369
578,978	4,123	441,528	106,581	26,362	384
462,598	6,180	339,864	110,351	5,879	324
3,483,178	23,519	2,529,703	700,991	226,551	2,414
3,074,672	17,653	2,201,374	712,233	140,987	2,425

(Average, 1926 = 100)

July	August	September	October	November	December
<u>OUTPUT</u>					
171.02	174.18	166.11	173.57	183.96	191.26
188.98	192.28	195.91	202.55	201.83	200.91
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
155.51	156.94	152.50	154.17	155.47	159.46
170.48	172.16	171.35	169.14	167.77	166.90

<sup>2/</sup> No allowance is made for the effect of holidays, Sundays or Saturdays, etc.

<sup>3/</sup> New Brunswick only.

<sup>4/</sup> Manitoba only.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1932	1933	1934	1935	1936
January	1,413,918	1,396,661	1,725,264	2,012,742	2,091,042
February	1,325,133	1,299,580	1,614,425	1,803,447	1,937,550
March	1,388,697	1,371,060	1,797,334	1,943,555	2,135,460
April	1,329,489	1,296,805	1,697,909	1,881,029	x2,164,287
May	1,271,015	1,349,942	1,830,820	1,923,071	2,083,045
June	1,198,232	1,370,901	1,708,632	1,816,250	2,028,695
Sub Total	7,926,484	8,084,949	10,374,384	11,380,094	12,440,079
July	1,155,581	1,442,657	1,621,314	1,791,544	
August	1,230,220	1,508,216	1,676,865	1,851,153	
September	1,279,140	1,489,322	1,627,289	1,919,213	
October	1,390,144	1,617,608	1,853,226	2,162,569	
November	1,448,227	1,702,363	1,953,512	2,143,314	
December	1,433,191	1,707,886	2,052,940	2,156,525	
TOTAL	15,862,987	17,553,001	21,159,530	23,404,412	

EXPORTS TO THE UNITED STATES

January	61,767	48,018	100,485	113,878	118,050
February	52,422	46,440	102,151	109,524	110,684
March	55,414	45,343	112,115	103,957	125,921
April	54,982	35,272	63,105	97,475	125,496
May	51,354	42,874	111,000	94,256	x130,530
June	64,864	86,673	113,640	107,994	157,868
Sub Total	340,803	304,620	602,496	627,084	768,549
July	59,015	119,192	105,856	93,348	
August	69,192	109,592	115,988	130,305	
September	71,500	122,907	107,114	142,177	
October	50,737	127,243	107,122	146,530	
November	35,023	106,457	99,714	112,305	
December	41,610	99,353	110,508	112,838	
TOTAL	667,880	989,364	1,248,798	1,364,587	

OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January	1,124,045	1,052,123	1,216,922	1,344,646	1,415,147
February	1,051,063	949,956	1,117,047	1,193,820	1,299,627
March	1,089,190	1,012,774	1,239,377	1,321,545	1,389,638
April	1,011,222	959,513	1,141,203	1,267,776	1,355,475
May	995,125	1,014,092	1,244,982	1,304,893	x1,373,537
June	927,105	1,006,602	1,158,889	1,245,659	1,354,930
Sub Total	6,197,750	5,995,060	7,118,420	7,678,339	8,188,354
July	897,727	1,045,695	1,159,301	1,270,867	
August	946,029	1,099,524	1,191,218	1,306,710	
September	985,948	1,106,841	1,173,190	1,317,312	
October	1,054,670	1,189,454	1,290,580	1,415,896	
November	1,117,840	1,192,494	1,292,686	1,394,955	
December	1,092,474	1,193,359	1,348,205	1,411,097	
TOTAL	12,292,438	12,822,427	14,573,600	15,795,176	



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Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
OTTAWA

No. 7

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)  
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

JULY, 1936.

Central electric stations in Canada produced 2,020,855,000 kilowatt hours during July as against 2,028,695,000 kilowatt hours in June and 1,791,543,000 kilowatt hours in July last year. This was an increase of 12.8 per cent over the 1935 output. The index number, adjusted for seasonal variations, rose from 213.09 for June to 213.16, being second only to the April index number.

Exports to the United States amounted to 157,541,000 kilowatt hours, or 69 per cent more than in July last year. Deliveries of secondary power to electric boilers dropped from 515,897,000 kilowatt hours in June to 502,006,000 kilowatt hours and the consumption of firm power (all line losses included) increased from 1,354,928,000 kilowatt hours in June and 1,270,867,000 kilowatt hours in July 1935 to 1,361,308,000 kilowatt hours. The index number for firm power consumption rose to a new high at 182.61 which was 1.07 points above the previous record made in June.

1/8/36

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
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MONTHLY OUTPUTS

Generated by Water Power

July, 1936	1,986,291	56,371	1,028,073	635,842	116,304	149,701
June, "	1,993,081	58,209	1,022,875	661,222	110,291	140,484
July, 1935	1,762,748	56,564	979,105	499,736	102,789	124,553
<u>Generated by Fuel</u>						
July, 1936	34,564	15,964	298	36	18,187	79
June, "	35,614	17,700	285	37	17,507	83
July, 1935	28,796	15,467	265	36	12,936	92
<u>Total Output</u>						
July, 1936	2,020,855	72,335	1,028,371	635,878	134,491	149,780
June, "	2,028,695	75,909	1,023,160	661,259	127,798	140,567
July, 1935	1,791,543	72,031	979,370	499,772	115,725	124,645

Total to Date

1936	14,460,934	464,403	7,374,733	4,589,970	1,083,627	948,201
1935	13,171,638	462,218	7,130,565	3,801,627	912,749	864,477

PROVINCIAL CONSUMPTIONS <sup>1/</sup>

July, 1936	1,863,314	71,332	887,603	620,152	135,925	148,300
June, "	x 1,870,825	74,539	983,234	644,721	129,086	x 139,240
July, 1935	1,698,195	70,773	765,661	621,431	117,108	123,220

Total to Date

1936	13,534,845	456,407	6,203,519	4,843,378	1,093,736	937,800
1935	12,451,206	453,307	5,578,705	4,642,284	922,681	854,220

INDEX NUMBER

	January	February	March	April	May	June
1934	164.21	167.31	174.90	172.79	182.54	179.47
1935	191.57	186.90	189.13	191.43	191.74	190.77
1936	199.02	193.88	207.81	220.25	207.69	213.09

OUTPUT LESS EXPORTS

1934	148.71	149.57	154.98	149.66	159.83	155.27
1935	164.31	158.85	165.26	166.25	167.53	166.90
1936	172.85	167.66	173.77	177.75	176.34	181.54

1/ Production plus provincial imports less provincial exports.  
x Revised.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS</u> <sup>2/</sup>					
64,074	1,818	33,164	20,511	3,752	4,829
66,436	1,940	34,096	22,041	3,676	4,683
56,863	1,825	31,584	16,121	3,316	4,018
1,115	515	9	1	587	3
1,187	590	9	1	584	3
928	499	8	1	417	3
65,189	2,333	33,173	20,512	4,339	4,832
67,623	2,530	34,105	22,042	4,260	4,686
57,792	2,324	31,544	16,137	3,733	4,021
67,892	2,180	34,623	21,549	5,087	4,452
62,130	2,180	33,635	17,932	4,305	4,078
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
	(3)			(4)	
502,006	5,089	415,106	65,055	16,376	380
515,897	7,766	412,734	82,783	12,245	369
427,328	5,642	310,078	96,637	14,645	326
3,985,184	28,608	2,944,809	766,046	242,927	2,794
3,502,000	23,295	2,511,452	808,870	155,632	2,751

• (Average, 1926 = 100)

July	August	September	October	November	December
<u>OUTPUT</u>					
171.02	174.18	166.11	173.57	183.96	191.26
188.98	192.28	195.91	202.55	201.83	200.91
213.16					
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
155.51	156.94	152.50	154.17	155.47	159.46
170.48	172.16	171.35	169.14	167.77	166.90
182.61					

2/ No allowance is made for the effect of holidays, Sundays or Saturdays, etc.  
3/ New Brunswick only. 4/ Manitoba only.



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1932	1933	1934	1935	1936
January	1,413,918	1,396,661	1,725,264	2,012,742	2,091,04
February	1,325,133	1,299,580	1,614,425	1,803,447	1,937,55
March	1,388,697	1,371,060	1,797,334	1,943,555	2,135,46
April	1,329,489	1,296,805	1,697,909	1,881,029	x2,164,28
May	1,271,015	1,349,942	1,830,820	1,923,071	2,083,04
June	1,198,232	1,370,901	1,708,632	1,816,250	2,028,69
July	1,155,581	1,442,657	1,621,314	1,791,544	2,020,85
Sub Total	9,082,065	9,527,606	11,995,698	13,172,638	14,460,93
August	1,230,220	1,508,216	1,676,865	1,851,153	
September	1,279,140	1,489,322	1,627,289	1,919,213	
October	1,390,144	1,617,608	1,853,226	2,162,569	
November	1,448,227	1,702,363	1,953,512	2,143,314	
December	1,433,191	1,707,886	2,052,940	2,156,525	
TOTAL	15,862,987	17,553,001	21,159,530	23,404,412	

EXPORTS TO THE UNITED STATES

January	61,767	48,018	100,485	113,878	118,05
February	52,422	46,440	102,151	109,524	110,68
March	55,414	45,343	112,115	103,957	125,92
April	54,982	35,272	63,105	97,475	125,49
May	51,354	42,874	111,000	94,256	x130,53
June	64,864	86,673	113,640	107,994	157,87
July	59,015	119,192	105,856	93,348	157,54
Sub Total	399,818	423,812	708,352	720,432	926,09
August	69,192	109,592	115,988	130,305	
September	71,500	122,907	107,114	142,177	
October	50,737	127,243	107,132	146,530	
November	35,023	106,457	99,714	112,305	
December	41,610	99,353	110,508	112,838	
TOTAL	667,880	989,364	1,248,798	1,364,587	

OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January	1,124,045	1,052,123	1,216,922	1,344,646	1,415,14
February	1,051,063	949,956	1,117,047	1,193,820	1,299,62
March	1,089,190	1,012,774	1,239,377	1,321,545	1,389,63
April	1,011,222	959,513	1,141,203	1,267,776	1,355,47
May	995,125	1,014,092	1,244,982	1,304,893	x1,373,53
June	927,105	1,006,602	1,158,889	1,245,659	1,354,92
July	897,727	1,045,695	1,159,301	1,270,867	1,361,30
Sub Total	7,095,477	7,040,755	8,277,721	8,949,206	9,549,66
August	946,029	1,099,524	1,191,218	1,306,710	
September	985,948	1,106,841	1,173,190	1,317,312	
October	1,054,670	1,189,454	1,290,580	1,415,896	
November	1,117,840	1,192,494	1,292,686	1,394,955	
December	1,092,474	1,193,359	1,348,205	1,411,097	
TOTAL	12,292,438	12,822,427	14,573,600	15,795,176	

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OTTAWA

57-C

No. 8

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.)  
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

AUGUST, 1936

The output of central electric stations in Canada for August amounted to 2,020,100,000 kilowatt hours, or 9.1 per cent above the output last year. The decrease from July was in secondary power and the index for output less exports and deliveries to electric boilers reached a new high point at 182.85.

Exports to the United States dropped from 157,543,000 kilowatt hours in July to 143,350,000 kilowatt hours and deliveries of secondary power to electric boilers dropped from 502,006,000 kilowatt hours in July to 488,915,000 kilowatt hours. Both the Maritime Provinces and Ontario showed substantial decreases from last year in deliveries to electric boilers, but increases in Quebec, Manitoba and British Columbia more than offset these reductions and the total was up by 18 per cent.

22/9/36

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>MONTHLY OUTPUTS</u>						
<u>Generated by Water Power</u>						
August, 1936	1,984,097	49,693	1,027,088	635,646	117,946	153,726
July, "	1,986,291	56,371	1,028,073	635,842	116,304	149,701
August, 1935	1,820,892	49,761	1,003,785	529,590	107,891	129,865
<u>Generated by Fuel</u>						
August, 1936	36,003	16,992	318	41	18,540	11,163
July, "	34,564	15,964	298	36	18,187	7,889
August, 1935	30,261	15,680	283	46	14,154	9,108
<u>Total Output</u>						
August, 1936	2,020,100	66,685	1,027,406	635,687	136,486	153,834
July, "	2,020,855	72,335	1,028,371	635,878	134,491	149,780
August, 1935	1,851,153	65,441	1,004,068	529,636	122,045	129,969
<u>Total to Date</u>						
1936	16,481,034	531,088	8,402,139	5,225,657	1,220,113	1,102,034
1935	15,022,791	527,659	8,134,633	4,331,263	1,034,794	994,441
<u>PROVINCIAL CONSUMPTIONS</u> 1/						
August, 1936	1,876,750	65,774	884,727	635,975	137,842	152,432
July, "	x 1,863,313	71,332	x887,602	620,152	135,925	148,300
August, 1935	1,720,848	64,160	766,772	637,955	123,618	128,343
<u>Total to Date</u>						
1936	15,411,593	522,181	7,088,245	5,479,353	1,231,579	1,090,232
1935	14,172,054	517,467	6,345,477	5,280,239	1,046,299	982,511

INDEX NUMBER

	January	February	March	April	May	June
						<u>TOTAL</u>
1934	164.21	167.31	174.90	172.79	182.54	179.47
1935	191.57	186.90	189.13	191.43	191.74	190.77
1936	199.02	193.88	207.81	<u>220.25</u>	207.69	213.09
<u>OUTPUT LESS EXPORTS</u>						
1934	148.71	149.57	154.98	149.66	159.83	155.27
1935	164.31	159.85	165.26	166.25	167.53	166.90
1936	172.83	167.66	173.77	177.75	176.34	181.54

1/ Production plus provincial imports less provincial exports.

x Revised



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS<sup>2/</sup></u>					
64,003	1,603	33,132	20,505	3,804	4,959
64,074	1,818	33,164	20,511	3,752	4,829
58,738	1,605	32,380	17,084	3,480	4,189
1,161	548	10	1	598	4
1,115	515	9	1	587	3
976	506	9	1	457	3
65,164	2,151	33,142	20,506	4,402	4,963
65,189	2,333	33,173	20,512	4,339	4,832
59,714	2,111	32,389	17,085	3,937	4,192
67,545	2,177	34,435	21,417	5,000	4,516
61,822	2,172	33,476	17,824	4,258	4,092
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
	(3)			(4)	
488,915	1,157	404,645	67,044	15,645	424
502,006	5,089	415,106	65,055	16,376	380
414,138	1,892	304,742	96,263	10,903	338
4,474,099	29,765	3,349,454	833,090	258,571	3,218
3,916,138	25,187	2,816,194	905,133	166,535	3,089

(Average, 1926 = 100)

July	August	September	October	November	December
<u>OUTPUT</u>					
171.02	174.18	166.11	173.57	183.96	191.26
188.98	192.28	195.91	202.55	201.83	200.91
213.16	209.83				
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
155.51	156.94	152.50	154.17	155.47	159.46
170.48	172.16	171.35	169.14	167.77	166.90
182.61	182.85				

<sup>2/</sup> No allowance is made for the effect of holidays, Sundays or Saturdays, etc.

<sup>3/</sup> New Brunswick only.

<sup>4/</sup> Manitoba only.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1932	1933	1934	1935	1936
January	1,413,918	1,396,661	1,725,264	2,012,742	2,091,042
February	1,325,133	1,299,580	1,614,425	1,803,447	1,937,550
March	1,388,697	1,371,060	1,797,334	1,943,555	2,135,460
April	1,329,489	1,296,805	1,697,909	1,881,029	2,164,287
May	1,271,015	1,349,942	1,830,820	1,923,071	2,083,045
June	1,198,232	1,370,901	1,708,632	1,816,250	2,028,695
July	1,155,581	1,442,657	1,621,314	1,791,544	2,020,855
August	1,230,220	1,508,216	1,676,865	1,851,153	2,020,100
Sub Total	11,312,285	11,035,822	13,672,563	15,023,791	16,481,034
September	1,279,140	1,489,322	1,627,289	1,919,213	
October	1,390,144	1,617,608	1,853,226	2,162,569	
November	1,448,227	1,702,363	1,953,512	2,143,314	
December	1,433,191	1,707,886	2,052,940	2,156,525	
TOTAL	15,862,987	17,553,001	21,159,530	23,404,412	

EXPORTS TO THE UNITED STATES

January	61,767	48,018	100,485	113,878	118,050
February	52,422	46,440	102,151	109,524	110,684
March	55,414	45,343	112,115	103,957	125,921
April	54,982	35,272	63,105	97,475	125,496
May	51,354	42,874	111,000	94,256	130,530
June	64,864	86,673	113,640	107,994	157,870
July	59,015	119,192	105,856	93,348	x157,543
August	69,192	109,592	115,988	130,305	143,350
Sub Total	469,010	533,404	824,340	850,737	1,069,444
September	71,500	122,907	107,114	142,177	
October	50,737	127,243	107,122	146,530	
November	35,023	106,457	99,714	112,305	
December	41,610	99,353	110,508	112,838	
TOTAL	667,880	989,364	1,248,798	1,364,587	

OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January	1,124,045	1,052,123	1,216,922	1,344,646	1,415,147
February	1,051,063	949,956	1,117,047	1,193,820	1,299,627
March	1,089,190	1,012,774	1,239,377	1,321,545	1,389,638
April	1,011,222	959,513	1,141,203	1,267,776	1,355,475
May	995,125	1,014,092	1,244,982	1,304,893	1,373,537
June	927,105	1,006,602	1,158,889	1,245,659	1,354,928
July	897,727	1,045,695	1,159,301	1,270,867	x1,361,307
August	946,029	1,099,524	1,191,218	1,306,710	1,387,835
Sub Total	8,041,506	8,140,279	9,468,939	10,255,916	10,937,494
September	985,948	1,106,841	1,173,190	1,317,312	
October	1,054,670	1,189,454	1,290,580	1,415,896	
November	1,117,840	1,192,494	1,292,686	1,394,955	
December	1,092,474	1,193,359	1,348,205	1,411,097	
TOTAL	12,292,438	12,822,427	14,573,600	15,795,176	

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DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
OTTAWA

No. 9

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Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)  
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

SEPTEMBER, 1936

The output of central electric stations in Canada increased from 1,919,213,000 kilowatt hours in September, 1935, to 2,041,679,000 in September, 1936, or by 6.4 per cent, and on a daily basis it was 4.4 per cent above the August 1936 output. This increase over August, however, was less than the usual seasonal increase and the index number dropped from 209.83 to 208.41.

Exports to the United States declined from 143,342,000 kilowatt hours in August to 125,127,000 kilowatt hours, deliveries of secondary power to electric boilers increased from 488,915,000 kilowatt hours in August to 496,269,000 kilowatt hours, and the consumption of firm power (losses included) in Canada increased to a new high point of 1,420,284,000 kilowatt hours. This increased the index number to 184.62 as against 182.85 for August, the previous high record, and 171.35 for September last year.

21/10/36



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>MONTHLY OUTPUTS</u>						
<u>Generated by Water Power</u>						
Sept., 1936	2,003,690	52,254	1,031,592	633,435	135,045	151,369
August, "	1,984,097	49,693	1,027,088	635,646	117,946	153,734
Sept., 1935	1,888,012	44,442	1,045,369	546,865	124,220	127,136
<u>Generated by Fuel</u>						
Sept., 1936	37,989	17,704	317	42	19,784	1,762
August, "	36,003	16,992	318	41	18,540	1,152
Sept., 1935	31,201	15,963	263	38	14,849	848
<u>Total Output</u>						
Sept., 1936	2,041,679	69,958	1,031,909	633,477	154,829	151,531
August, "	2,020,100	66,685	1,027,406	635,687	136,486	153,826
Sept., 1935	1,919,213	60,405	1,045,632	546,903	139,069	127,203
<u>Total to Date</u>						
1936	18,522,713	601,046	9,434,048	5,859,134	1,374,942	1,253,583
1935	16,942,004	588,064	9,180,266	4,878,166	1,173,863	1,121,611
<u>PROVINCIAL CONSUMPTIONS<sup>1/</sup></u>						
Sept., 1936	1,916,553	68,936	887,462	653,864	156,327	149,968
August, "	x1,876,759	65,774	884,727	x635,984	137,842	152,413
Sept., 1935	1,777,036	59,125	801,002	650,475	140,719	125,517
<u>Total to Date</u>						
1936	17,328,155	591,117	7,975,707	6,133,226	1,387,906	1,240,131
1935	15,949,090	576,592	7,146,479	5,930,914	1,187,018	1,108,000

INDEX NUMBER

	January	February	March	April	May	June
						<u>TOTAL</u>
1934	164.21	167.31	174.90	172.79	182.54	179.41
1935	191.57	198.90	199.13	191.43	191.74	190.71
1936	199.02	198.88	207.81	220.25	207.69	213.05
<u>OUTPUT LESS EXPORTS AND IMPORTS</u>						
1934	148.71	149.57	154.99	149.66	159.83	155.21
1935	164.31	159.85	165.26	166.25	167.53	166.90
1936	172.83	167.66	173.77	177.75	176.34	181.54

<sup>1/</sup> Production plus provincial imports less provincial exports.

x Revised.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS<sup>2/</sup></u>					
66,789	1,742	34,386	21,115	4,501	5,045
64,003	1,603	33,132	20,505	3,804	4,959
62,934	1,481	34,846	18,229	4,141	4,237
1,266	590	11	1	659	5
1,161	548	10	1	598	4
1,040	532	9	1	495	3
68,055	2,332	34,397	21,116	5,160	5,050
65,164	2,151	33,142	20,506	4,402	4,963
63,974	2,013	34,855	18,230	4,636	4,240
67,601	2,194	34,431	21,384	5,018	4,575
62,059	2,154	33,627	17,869	4,300	4,109
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
	(3)			(4)	
496,269	3,543	404,154	60,979	27,144	449
488,915	1,157	404,645	67,044	15,645	424
459,724	1,419	337,569	99,256	21,149	331
4,970,368	33,308	3,753,608	894,069	235,716	3,667
4,375,862	26,606	3,153,763	1,004,389	187,684	3,420

(Average, 1926 = 100)

July	August	September	October	November	December
<u>OUTPUT</u>					
171.02	174.18	166.17	173.57	183.96	191.26
188.98	192.28	195.91	202.55	201.83	200.91
213.16	209.83	208.41			
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
155.51	156.94	152.50	154.17	155.47	159.46
170.48	172.16	171.35	169.14	167.77	166.90
182.61	182.85	184.62			

2/ No allowance is made for the effect of holidays, Sundays or Saturdays, etc

3/ New Brunswick only.      4/ Manitoba only.



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1932	1933	1934	1935	1936
January	1,413,918	1,396,661	1,725,264	2,012,742	2,091,042
February	1,325,133	1,299,580	1,614,425	1,803,447	1,937,550
March	1,388,697	1,371,060	1,797,334	1,943,555	2,135,460
April	1,329,489	1,296,805	1,697,909	1,881,029	2,164,287
May	1,271,015	1,349,942	1,830,820	1,923,071	2,083,045
June	1,198,232	1,370,901	1,708,632	1,816,250	2,028,695
July	1,155,581	1,442,657	1,621,314	1,791,544	2,020,855
August	1,230,220	1,508,216	1,676,865	1,851,153	2,020,100
September	1,279,140	1,489,322	1,627,289	1,919,213	2,041,679
Sub Total	11,591,425	12,525,144	15,299,852	16,942,004	18,522,713
October	1,390,144	1,617,608	1,853,226	2,162,569	
November	1,448,227	1,702,363	1,953,512	2,143,314	
December	1,433,191	1,707,886	2,052,940	2,156,525	
TOTAL	15,862,987	17,553,001	21,159,530	23,404,412	

EXPORTS TO THE UNITED STATES

January	61,767	48,018	100,485	113,878	118,050
February	52,422	46,440	102,151	109,524	110,684
March	55,414	45,343	112,115	103,957	125,921
April	54,982	35,272	63,105	97,475	125,496
May	51,354	42,874	111,000	94,256	130,530
June	64,864	86,673	113,640	107,994	157,870
July	59,015	119,192	105,856	93,348	157,543
August	69,192	109,592	115,988	130,305	x143,342
September	71,500	122,907	107,114	142,177	125,127
Sub Total	540,510	656,311	931,454	992,914	1,194,563
October	50,737	127,243	107,122	146,530	
November	35,023	106,457	99,714	112,305	
December	41,610	99,353	110,508	112,838	
TOTAL	667,880	989,364	1,248,798	1,364,587	

OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January	1,124,045	1,052,123	1,216,922	1,344,646	1,415,147
February	1,051,063	949,956	1,117,047	1,193,820	1,299,627
March	1,089,190	1,012,774	1,239,377	1,321,545	1,389,638
April	1,011,222	959,513	1,141,203	1,267,776	1,355,475
May	995,125	1,014,092	1,244,982	1,304,893	1,373,537
June	927,105	1,006,602	1,158,889	1,245,659	1,354,928
July	897,727	1,045,695	1,159,301	1,270,867	1,361,307
August	946,029	1,099,524	1,191,218	1,306,710	x1,387,843
September	985,948	1,106,841	1,173,190	1,317,312	1,420,284
Sub Total	9,027,454	9,247,120	10,642,129	11,573,228	12,357,786
October	1,054,670	1,189,454	1,290,580	1,415,896	
November	1,117,840	1,192,494	1,292,686	1,394,955	
December	1,092,474	1,193,359	1,348,205	1,411,097	
TOTAL	12,292,438	12,822,427	14,573,600	15,795,176	

x Revised.



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57-C21

DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
OTTAWA

No. 10

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Dominion Statistician, R. H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)  
Chief, Transportation and Public Utilities Branch, G. S. Wrong, B.Sc.

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

OCTOBER, 1936

Central electric stations in Canada produced 2,378,399,000 kilowatt hours during October which was the largest output of any month on record and the index number adjusted for seasonal variations was also a new high, reaching 225.53 as against 211.00 for September, 205.07 for October last year and 222.99 the previous high made in April this year.

The consumption in Canada, or total output less exports and deliveries of secondary power to electric boilers, also created a new high record at 1,630,139,000 kilowatt hours and the index number rose to 194.73, as against 184.33 for September, the previous high record. Exports to the United States amounted to 129,323,000 kilowatt hours, increasing from 125,127,000 kilowatt hours for September. Deliveries of secondary or off-peak and surplus power to electric boilers rose from 498,474,000 kilowatt hours in September to 518,936,000 kilowatt hours.

The index number for total output has been corrected; the increase is the same percentage throughout. Also the deliveries to electric boilers for 1936 have been revised which in turn necessitated a revision of the index numbers of the total output less exports and deliveries to electric boilers.

11/36

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>MONTHLY OUTPUTS</u>						
<u>Generated by Water Power</u>						
Oct., 1936	2,335,819	59,616	1,270,427	687,831	163,499	154,440
Sept., 1936	2,003,690	52,254	1,031,692	633,435	135,045	151,364
Oct., 1935	2,122,992	48,811	1,176,333	626,559	137,698	135,571
<u>Generated by Fuel</u>						
Oct., 1936	42,580	20,147	326	48	21,937	12,686
Sept., 1936	x 37,990	17,704	317	x 43	19,784	14,193
Oct., 1935	39,577	17,933	280	61	21,149	11,654
<u>Total Output</u>						
Oct., 1936	2,378,399	79,763	1,270,753	687,879	185,436	154,560
Sept., 1936	x 2,041,680	69,958	1,031,908	x 633,478	154,829	151,557
Oct., 1935	2,162,569	64,744	1,176,633	626,620	158,847	135,725
<u>Total to Date</u>						
1936	20,901,116	680,810	10,704,802	6,547,014	1,560,378	1,408,111
1935	19,104,573	662,808	10,356,899	5,504,786	1,332,710	1,257,311
<u>PROVINCIAL CONSUMPTIONS<sup>1/</sup></u>						
Oct., 1936	2,249,075	78,438	1,122,385	708,296	187,072	152,884
Sept., 1936	1,916,553	68,936	857,462	653,864	156,327	149,909
Oct., 1935	2,016,039	63,761	940,676	717,072	160,457	134,075
<u>Total to Date</u>						
1936	19,517,230	669,555	9,098,092	6,841,522	1,574,978	1,393,008
1935	17,965,129	640,353	8,087,155	6,647,986	1,347,475	1,242,111

INDEX NUMBER

	January	February	March	April	May	June
						*TOT.
1934 x	166.25	169.39	177.07	174.93	184.81	181.70
1935 x	193.95	189.22	191.48	193.80	194.12	193.10
1936 x	201.49	196.28	210.39	222.99	210.27	215.70
<u>OUTPUT LESS EXPORTS A</u>						
1934	148.71	149.57	154.98	149.66	159.83	155.20
1935	164.31	159.85	165.26	166.25	167.53	166.90
1936 x	172.64	167.74	173.48	177.46	176.02	181.20

<sup>1/</sup> Production plus provincial imports less provincial exports.

x - Revised.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS<sup>2/</sup></u>					
75,349 66,789 68,484	1,923 1,742 1,510	40,982 34,386 37,947	22,188 21,115 20,212	5,274 4,501 4,442	4,982 5,045 4,373
1,374 1,266 1,277	650 590 579	10 11 9	2 1 2	708 659 682	4 5 5
76,723 68,055 69,761	2,573 2,332 2,089	40,992 34,397 37,956	22,190 21,116 20,214	5,982 5,160 5,124	4,986 5,050 4,378
68,528 62,844	2,232 2,147	35,098 34,069	21,465 18,108	5,116 4,384	4,617 4,136
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
618,936 x498,474 600,143	(3) 4,961 3,543 445	496,953 x406,359 445,043	71,153 60,979 123,502	(4) 45,385 27,144 30,716	484 449 437
5,608,692 4,975,005	38,269 27,051	4,269,947 3,598,806	965,223 1,127,891	331,102 218,400	4,151 3,857

(Average, 1926 = 100)

July	August	September	October	November	December
<u>OUTPUT</u>					
173.14 191.32 215.81	176.34 194.67 212.44	168.18 198.34 211.00	175.73 205.07 225.53	186.24 204.34	193.63 203.40
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
155.51 170.48 182.32	156.94 172.16 182.67	152.50 171.35 184.33	154.17 169.14 194.73	155.47 167.77	159.46 166.90

/ No allowance is made for the effect of holidays, Sundays or Saturdays, etc.  
/ New Brunswick only. 4/ Manitoba only.



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1932	1933	1934	1935	1936
January	1,413,918	1,396,661	1,725,264	2,012,742	x 2,091,043
February	1,325,133	1,299,580	1,614,425	1,803,447	1,937,550
March	1,388,697	1,371,060	1,797,334	1,943,555	x 2,135,466
April	1,329,489	1,296,805	1,697,909	1,881,029	x 2,164,288
May	1,271,015	1,349,942	1,830,820	1,923,071	2,083,045
June	1,198,232	1,370,901	1,708,632	1,816,250	2,028,695
July	1,155,581	1,442,657	1,621,314	1,791,544	2,020,855
August	1,230,220	1,508,216	1,676,865	1,851,153	2,020,100
September	1,279,140	1,489,522	1,627,289	1,919,213	x 2,041,680
October	1,390,144	1,617,608	1,853,226	2,162,589	2,373,599
Sub Total	12,981,569	14,142,752	17,153,078	19,104,573	20,901,116
November	1,448,227	1,702,363	1,953,512	2,143,314	
December	1,433,191	1,707,886	2,052,940	2,156,525	
TOTAL	15,862,987	17,553,001	21,159,530	23,404,412	

EXPORTS TO THE UNITED STATES

January	61,767	48,018	100,485	113,878	118,050
February	52,422	46,440	102,151	109,524	110,684
March	55,414	45,343	112,115	103,957	125,921
April	54,982	35,272	63,105	97,475	125,496
May	51,354	42,874	111,000	94,256	130,530
June	64,864	86,673	113,640	107,994	157,870
July	59,015	119,192	105,856	93,348	157,543
August	69,192	109,592	115,988	130,305	143,342
September	71,500	122,907	107,114	142,177	125,127
October	50,737	127,243	107,122	146,530	129,323
Sub Total	591,247	783,554	1,038,576	1,139,444	1,323,886
November	35,023	106,457	99,714	112,305	
December	41,610	99,353	110,508	112,838	
TOTAL	667,880	989,364	1,248,798	1,364,587	

OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January	1,124,045	1,052,123	1,216,922	1,344,646	x 1,412,763
February	1,051,063	949,956	1,117,047	1,193,820	x 1,297,444
March	1,089,190	1,012,774	1,239,377	1,321,545	x 1,387,332
April	1,011,222	959,513	1,141,203	1,267,776	x 1,353,265
May	995,125	1,014,092	1,244,982	1,304,893	x 1,371,086
June	927,105	1,006,602	1,158,889	1,245,659	x 1,352,796
July	897,727	1,045,695	1,159,301	1,270,867	x 1,359,152
August	946,029	1,099,524	1,191,218	1,306,710	x 1,386,481
September	985,948	1,106,841	1,173,190	1,317,312	x 1,418,078
October	1,054,670	1,189,454	1,290,580	1,415,896	1,630,139
Sub Total	10,082,124	10,436,574	11,932,709	12,989,124	13,968,536
November	1,117,840	1,192,494	1,292,686	1,394,955	
December	1,092,474	1,193,359	1,348,205	1,411,097	
TOTAL	12,292,438	12,822,427	14,573,600	15,795,176	

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DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
OTTAWA

No. 11

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Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)  
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

NOVEMBER, 1936

The output of central electric stations in Canada for November amounted to 2,261,090,000 kilowatt hours and the index number declined from 225.73 for October to 215.56. The fifth Sunday in November probably lowered the index 3 to 4 points. On a daily basis Quebec stations showed a decline from October output of 4.6 per cent and British Columbia stations were down by 11.8 per cent, but stations in the Maritime Provinces, Ontario and the Prairie Provinces all showed increases.

Deliveries of secondary power increased from 618,109,000 kilowatt hours in October to 654,015,000 kilowatt hours and exports to the United States declined from 129,323,000 kilowatt hours to 126,039,000 kilowatt hours.

Total output less exports and deliveries to electric boilers declined from 1,633,065,000 kilowatt hours in October to 1,481,036,000 kilowatt hours and the index number dropped to 178.12.

12/12/36



OUTPUT OF GENERAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>MONTHLY OUTPUTS</u>						
<u>Generated by Water Power</u>						
Nov., 1936	2,218,539	59,642	1,172,595	696,049	159,017	131,236
Oct., 1936	x2,337,918	59,616	1,270,427	x689,930	163,499	154,446
Nov., 1935	2,101,951	43,977	1,104,144	670,402	148,888	134,544
<u>Generated by Fuel</u>						
Nov., 1936	42,551	19,597	317	22	21,853	76
Oct., 1936	42,580	20,147	326	48	21,937	12
Nov., 1935	41,363	19,067	271	65	21,791	16
<u>Total Output</u>						
Nov., 1936	2,261,090	79,239	1,172,910	696,071	180,870	132,000
Oct., 1936	x2,380,498	79,763	1,270,753	x689,978	185,436	154,566
Nov., 1935	2,143,314	63,044	1,104,415	670,467	170,679	134,700
<u>Total to Date</u>						
1936	23,167,895	760,049	11,877,710	7,248,754	1,741,248	1,540,111
935	21,247,887	715,852	11,461,314	6,175,253	1,503,389	1,392,070
<u>PROVINCIAL CONSUMPTIONS<sup>1/</sup></u>						
Nov., 1936	2,131,777	77,631	1,020,040	724,460	179,283	130,363
Oct., 1936	x2,251,174	78,438	1,122,385	x710,395	187,072	152,888
Nov., 1935	2,031,009	62,095	946,489	717,085	172,351	132,989
<u>Total to Date</u>						
1936	21,714,696	747,166	10,118,132	7,571,672	1,754,261	1,523,444
935	19,996,138	702,448	9,035,644	7,366,071	1,519,826	1,375,140

INDEX NUMBER

	January	February	March	April	May	June
						TOT
934	166.25	169.39	177.07	174.93	184.81	181.70
935	193.95	189.22	191.48	193.80	194.12	193.14
936 x	201.54	196.32	210.43	223.02	210.30	215.76
<u>OUTPUT LESS EXPORTS A</u>						
1934	148.71	149.57	154.98	149.66	159.83	155.27
1935	164.31	159.85	165.26	166.25	167.53	166.90
1936 x	172.69	167.80	173.54	177.51	176.07	181.29

<sup>1/</sup> Production plus provincial imports less provincial exports.

x Revised.



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS<sup>2/</sup></u>					
73,951 x 75,416 70,065	1,988 1,923 1,466	39,086 40,982 36,805	23,202 x22,255 22,347	5,301 5,274 4,963	4,374 4,982 4,484
1,418 1,374 1,379	653 650 636	11 10 9	1 2 2	728 708 726	25 4 6
75,369 x 76,790 71,444	2,641 2,573 2,102	39,097 40,992 36,814	23,203 x22,257 22,349	6,029 5,982 5,689	4,399 4,986 4,490
69,158 63,612	2,269 2,143	35,456 34,315	21,638 18,489	5,198 4,501	4,597 4,168
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
654,015 x618,109 636,054	(3) 5,002 4,961 ...	517,446 496,953 467,297	80,489 x70,326 125,129	(4) 50,483 45,385 43,152	595 484 476
6,261,880 5,612,059	43,271 27,051	4,787,393 4,066,103	1,044,885 1,253,020	381,585 261,552	4,746 4,333

verage, 1926 = 100)

July	August	September	October	November	December
<u>OUTPUT</u>					
173.14 191.32 215.84	176.34 194.67 212.47	168.18 198.34 211.08	178.73 205.07 225.73	186.24 204.34 215.56	193.63 203.40
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
155.51 170.48 182.36	156.94 172.16 182.71	152.50 171.35 184.42	154.17 169.14 195.08	155.47 167.77 178.12	159.46 166.90

No allowance is made for the effect of holidays, Sundays or Saturdays, etc.  
New Brunswick only. 4/ Manitoba only.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1932	1933	1934	1935	1936 (x)
January	1,413,918	1,396,661	1,725,264	2,012,742	2,091,497
February	1,325,133	1,299,580	1,614,425	1,803,447	1,937,978
March	1,388,697	1,371,060	1,797,334	1,943,555	2,135,885
April	1,329,489	1,296,805	1,697,909	1,881,029	2,164,628
May	1,271,015	1,349,942	1,830,820	1,923,071	2,083,363
June	1,198,232	1,370,901	1,708,632	1,816,250	2,028,980
July	1,155,581	1,442,657	1,621,314	1,791,544	2,021,147
August	1,230,220	1,508,216	1,676,865	1,851,153	2,020,416
September	1,279,140	1,489,322	1,627,289	1,819,213	2,042,413
October	1,390,144	1,617,608	1,653,226	2,162,569	2,320,495
November	1,448,227	1,702,363	1,953,512	2,143,514	2,261,090
Sub Total	14,429,796	15,845,115	19,106,590	21,247,887	23,167,895
December	1,433,191	1,707,886	2,052,940	2,156,525	
TOTAL	15,862,987	17,553,001	21,159,530	23,404,412	

EXPORTS TO THE UNITED STATES

January	61,767	48,018	100,485	113,878	118,050
February	52,422	46,440	102,151	109,524	110,684
March	55,414	45,343	112,115	103,957	125,921
April	54,982	35,272	63,105	97,475	125,496
May	51,354	42,874	111,000	94,256	130,530
June	64,864	86,673	113,640	107,994	157,870
July	59,015	119,192	105,856	93,348	157,543
August	69,192	109,592	115,988	130,305	143,342
September	71,500	122,907	107,114	142,177	125,127
October	50,737	127,243	107,122	146,530	129,323
November	35,023	106,457	99,714	112,305	126,039
Sub Total	626,270	890,011	1,138,290	1,251,749	1,449,925
December	41,610	99,353	110,508	112,838	
TOTAL	667,880	989,364	1,248,798	1,364,587	

OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

					(x)
January	1,124,045	1,052,123	1,216,922	1,344,646	1,413,216
February	1,051,063	949,956	1,117,047	1,193,820	1,297,872
March	1,089,190	1,012,774	1,239,377	1,321,545	1,387,756
April	1,011,222	959,513	1,141,203	1,267,776	1,353,605
May	995,125	1,014,092	1,244,982	1,304,893	1,371,404
June	927,105	1,006,602	1,158,889	1,245,659	1,353,081
July	897,727	1,045,695	1,159,301	1,270,867	1,359,445
August	946,029	1,099,524	1,191,218	1,306,710	1,386,797
September	985,948	1,106,841	1,173,190	1,317,312	1,418,811
October	1,054,670	1,189,454	1,290,580	1,415,896	1,633,065
November	1,117,840	1,192,494	1,292,686	1,394,955	1,481,036
Sub Total	11,199,964	11,629,068	13,225,395	14,384,079	15,456,088
December	1,092,474	1,193,359	1,348,205	1,411,097	
TOTAL	12,292,438	12,822,427	14,573,600	15,795,176	

x - Revised.



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Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
OTTAWA

No. 12

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.)  
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

DECEMBER, 1936

Central electric stations in Canada produced 2,324,915,000 kilowatt hours in December, as against 2,156,525,000 kilowatt hours in December, 1935, and 2,261,979,000 kilowatt hours in last November, raising the index number from 215.65 for November to 219.28, the second highest yet attained.

Exports to the United States rose to 128,070,000 kilowatt hours and deliveries of secondary power to electric boilers amounted to 660,960,000 kilowatt hours. The latter was exceeded only in April, 1936. Total output less exports and secondary power delivered to boilers increased from 1,411,097,000 kilowatt hours in December, 1935, to 1,535,884,000 kilowatt hours, or by 8.8 per cent.

The total output for the year reached a new high at 25,493,474,000 kilowatt hours. This was 2,089,062,000 kilowatt hours or 8.9 per cent above the 1935 output and 61 per cent over the 1932 output. The low point after the 1929-30 slump was reached in July, 1932.

Exports to the United States rose from 1,364,587,000 kilowatt hours in 1935 to 1,578,107,000 kilowatt hours. This was exceeded in 1927, 1928 and 1930. Secondary power delivered to electric boilers also reached a new high point at 6,922,840,000 kilowatt hours, which was 27 per cent of the total output and 10.9 per cent above the 1935 output of secondary power.

Consumption of firm power in Canada, or total output less exports and secondary power, amounted to 16,992,515,000 kilowatt hours, an increase of 1,197,339,000 kilowatt hours or 7.6 per cent over the 1935 firm power consumption and the high yet recorded.

Small stations which do not report monthly produce less than a fifth of one per cent of the total and consequently have little effect on total figures.



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>MONTHLY OUTPUTS</u>						
<u>Generated by Water Power</u>						
Dec., 1936	2,283,384	61,963	1,227,435	704,988	166,080	122,918
Nov., 1936	x 2,219,428	59,642	x1,172,683	x696,848	159,017	131,238
Dec., 1935	2,117,404	44,149	1,100,864	681,644	156,681	134,066
<u>Generated by Fuel</u>						
Dec., 1936	41,531	18,150	345	40	21,972	1,024
Nov., 1936	42,551	19,597	317	22	21,853	762
Dec., 1935	39,121	17,355	141	50	21,452	123
<u>Total Output</u>						
Dec., 1936	2,324,915	80,113	1,227,780	705,028	188,052	123,942
Nov., 1936	x 2,261,979	79,239	x1,173,000	x696,870	180,870	132,000
Dec., 1935	2,156,525	61,504	1,101,005	681,694	178,133	134,189
<u>Total to Date</u>						
1936	25,493,474	840,162	13,105,590	7,954,603	1,929,055	1,664,064
1935	23,404,412	777,356	12,562,319	6,856,947	1,681,522	1,526,268
<u>PROVINCIAL CONSUMPTIONS 1/</u>						
Dec., 1936	2,196,844	78,533	1,047,193	759,205	190,004	121,909
Nov., 1936	2,131,777	77,631	1,020,040	724,460	179,283	130,363
Dec., 1935	2,043,688	60,536	925,472	745,410	179,643	132,627
<u>Total to Date</u>						
1936	23,911,306	825,719	11,165,325	8,330,877	1,944,021	1,645,364
1935	22,039,826	762,984	9,959,116	8,110,481	1,699,469	1,507,776

INDEX NUMBER

	January	February	March	April	May	June
						<u>TOTAL</u>
1934	166.25	169.39	177.07	174.93	184.81	181.70
1935	193.95	189.22	191.48	193.80	194.12	193.14
1936	201.54	196.32	x210.40	223.02	210.30	215.76
<u>OUTPUT LESS EXPORTS A</u>						
1934	148.71	149.57	154.98	149.66	159.83	155.27
1935	164.31	159.85	165.26	166.25	167.53	166.90
1936	172.69	167.80	x173.51	177.51	176.07	181.29

1/ Production plus provincial imports less provincial exports.

x Revised.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS<sup>2/</sup></u>					
73,658 x 73,981 68,303	1,999 1,988 1,424	39,595 x 39,089 35,512	22,742 x 23,228 21,988	5,357 5,301 5,054	3,965 x 4,375 4,325
1,339 1,418 1,262	585 653 560	11 11 4	1 1 2	709 728 692	33 25 4
74,997 x 75,399 69,565	2,584 2,641 1,984	39,606 x 39,100 35,516	22,743 x 23,229 21,990	6,066 6,029 5,746	3,998 x 4,400 4,329
69,654 64,122	2,295 2,130	35,808 34,417	21,734 18,786	5,270 4,607	4,547 4,182
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
	(3)			(4)	
660,960 654,015 632,590	4,086 5,002 1,036	518,576 517,446 449,528	85,254 80,489 132,113	52,546 50,483 49,549	498 595 364
6,922,840 6,244,649	47,357 28,087	5,305,969 4,515,631	1,130,139 1,385,133	434,131 311,101	5,244 4,697

(Average, 1926 = 100)

July	August	September	October	November	December
<u>OUTPUT</u>					
173.14 191.32 215.84	176.34 194.67 212.47	168.18 198.34 211.08	175.73 205.07 225.73	186.24 204.34 x 215.65	193.63 203.40 219.28
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
155.51 170.48 182.36	156.94 172.16 182.71	152.50 171.35 184.42	154.17 169.14 195.08	155.47 167.77 x 178.22	159.46 166.90 181.66

<sup>2/</sup> No allowance is made for the effect of holidays, Sundays or Saturdays, etc.

<sup>3/</sup> New Brunswick only.

<sup>4/</sup> Manitoba only.



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1932	1933	1934	1935	1936
January	1,413,918	1,396,661	1,725,264	2,012,742	2,091,497
February	1,325,133	1,299,580	1,614,425	1,803,447	1,937,978
March	1,388,697	1,371,060	1,797,334	1,943,555	x 2,135,641
April	1,329,489	1,296,805	1,697,909	1,881,029	2,164,628
May	1,271,015	1,349,942	1,830,820	1,923,071	2,083,363
June	1,198,232	1,370,901	1,708,632	1,816,250	2,028,980
July	1,155,581	1,442,657	1,621,314	1,791,544	2,021,147
August	1,230,220	1,508,216	1,676,865	1,851,153	2,020,416
September	1,279,140	1,489,322	1,627,289	1,919,213	x2,042,423
October	1,390,144	1,617,608	1,853,226	<u>2,162,569</u>	x2,380,508
November	<u>1,448,227</u>	1,702,363	1,953,512	2,143,314	x2,261,979
December	1,433,191	<u>1,707,886</u>	<u>2,052,940</u>	2,156,525	2,324,915
TOTAL	15,862,987	17,553,001	21,159,530	23,404,412	25,493,474

EXPORTS TO THE UNITED STATES

January	61,767	48,018	100,485	113,878	118,050
February	52,422	46,440	102,151	109,524	110,684
March	55,414	45,343	112,115	103,957	125,921
April	54,982	35,272	63,105	97,475	125,496
May	51,354	42,874	111,000	94,256	130,530
June	64,864	86,673	113,640	107,994	<u>157,870</u>
July	59,015	119,192	105,856	93,348	157,543
August	69,192	109,592	<u>115,988</u>	130,305	143,342
September	<u>71,500</u>	122,907	107,114	142,177	125,127
October	50,737	<u>127,243</u>	107,122	<u>146,530</u>	129,323
November	35,023	106,457	99,714	112,305	x126,152
December	41,610	99,353	110,508	112,838	128,070
TOTAL	667,880	989,364	1,248,798	1,364,587	1,578,107

OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January	<u>1,124,045</u>	1,052,123	1,216,922	1,344,646	1,413,216
February	1,051,063	949,956	1,117,047	1,193,820	1,297,872
March	1,089,190	1,012,774	1,239,377	1,321,545	x1,387,512
April	1,011,222	959,513	1,141,203	1,267,776	1,353,605
May	995,125	1,014,092	1,244,982	1,304,893	1,371,404
June	927,105	1,006,602	1,158,889	1,245,659	1,353,081
July	897,727	1,045,695	1,159,301	1,270,867	1,359,445
August	946,029	1,099,524	1,191,218	1,306,710	1,386,797
September	985,948	1,106,841	1,173,190	1,317,312	x1,418,821
October	1,054,670	1,189,454	1,290,580	<u>1,415,896</u>	<u>1,633,065</u>
November	1,117,840	1,192,494	1,292,686	1,394,955	x1,481,813
December	1,092,474	<u>1,193,359</u>	<u>1,343,205</u>	1,411,097	1,535,884
TOTAL	12,292,438	12,822,427	14,573,600	15,795,176	16,992,515



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Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
OTTAWA

No. 1

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)  
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

JANUARY, 1937

The output of central electric stations for January amounted to 2,319,158,000 kilowatt hours as against 2,091,497,000 kilowatt hours for January, 1936. The index number, adjusted for seasonal variations, reached a new high at 223.47 despite the month containing five Sundays and five Saturdays, which are low production days, and no adjustment being made for the extra number of these days.

Deliveries of secondary power to electric boilers increased from 660,960,000 kilowatt hours in December to 701,742,000 kilowatt hours, the largest yet recorded. Exports to the United States also increased from 128,070,000 kilowatt hours in December to 134,927,000 kilowatt hours, making the consumption of firm power in Canada (including line losses) 1,482,489,000 kilowatt hours. The index number for firm power consumption was 181.16, as compared with 181.76 for December and the record of 184.42 for September, 1936.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>MONTHLY OUTPUTS</u>						
<u>Generated by Water Power</u>						
Jan., 1937	2,277,638	66,419	1,207,781	722,380	171,701	109,357
Dec., 1936	2,283,384	61,963	1,227,435	704,988	166,080	122,918
Jan., 1936	2,052,114	38,572	1,045,702	675,883	159,899	132,058
<u>Generated by Fuel</u>						
Jan., 1937	41,520	17,407	325	24	22,295	1,469
Dec., 1936	x 42,349	x18,151	345	40	x22,789	1,024
Jan., 1936	39,383	17,587	284	65	21,052	395
<u>Total Output</u>						
Jan., 1937	2,319,158	83,826	1,208,106	722,404	193,996	110,826
Dec., 1936	x2,325,733	x80,114	1,227,780	705,028	x188,869	123,942
Jan., 1936	2,091,497	56,159	1,045,986	675,948	180,951	132,453
<u>PROVINCIAL CONSUMPTIONS 1/</u>						
Jan., 1937	2,184,231	81,959	1,031,299	766,220	195,683	109,070
Dec., 1936	x2,197,662	78,533	1,047,193	759,205	x190,822	121,909
Jan., 1936	1,973,446	55,234	865,741	739,119	182,486	130,866

INDEX NUMBERS

	January	February	March	April	May	June
						<u>TOTAL</u>
1935	193.95	189.22	191.48	193.80	194.12	193.14
1936	201.54	196.32	210.40	223.02	210.30	215.76
1937	223.47					
<u>OUTPUT LESS EXPORTS AND</u>						
1935	164.31	159.85	165.26	166.25	167.53	166.90
1936	172.69	167.80	173.51	177.51	176.07	181.29
1937	181.16					

1/ Production plus provincial imports less provincial exports.

x Revised.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS<sup>2/</sup></u>					
73,472 73,658 66,197	2,142 1,999 1,244	38,961 39,595 33,732	23,302 22,742 21,803	5,539 5,357 5,158	3,528 3,965 4,260
1,339 x 1,366 1,270	562 x 586 567	10 11 9	1 1 2	719 x 735 679	47 33 13
74,811 x 75,024 67,467	2,704 x 2,585 1,811	38,971 39,606 33,741	23,303 22,743 21,805	6,258 x 6,092 5,837	3,575 3,998 4,273
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
701,742 660,960 560,230	(3) ... 4,086 ...	556,995 518,576 379,405	89,496 85,254 128,894	(4) 54,741 52,546 51,586	510 498 345

(Average, 1926 = 100)

July	August	September	October	November	December
<u>OUTPUT</u>					
191.32 215.84	194.67 212.47	198.34 211.08	205.07 x 216.25	204.34 218.65	203.40 x 219.36
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
170.48 182.36	172.16 182.71	171.35 184.42	169.14 x 183.13	167.77 178.22	166.90 x 181.76

No allowance is made for the effect of holidays, Sundays or Saturdays, etc.  
New Brunswick only.                      4/ Manitoba only.



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1933	1934	1935	1936	1937
January	1,396,661	1,725,264	2,012,742	2,091,497	2,319,158
February	1,299,580	1,614,425	1,803,447	1,937,978	
March	1,371,060	1,797,334	1,943,555	x2,135,640	
April	1,296,805	1,697,909	1,881,029	2,164,628	
May	1,349,942	1,830,820	1,923,071	2,083,363	
June	1,370,901	1,708,632	1,816,250	2,028,980	
July	1,442,657	1,621,314	1,791,544	2,021,147	
August	1,508,216	1,676,865	1,851,153	2,020,416	
September	1,489,322	1,627,289	1,919,213	2,042,423	
October	1,617,608	1,853,226	2,162,569	x2,280,508	
November	1,702,363	1,953,512	2,143,314	2,261,979	
December	1,707,886	2,052,940	2,156,525	x2,325,733	
TOTAL	17,553,001	21,159,530	23,404,412	x25,394,292	

EXPORTS TO THE UNITED STATES

January	48,018	100,485	113,878	118,050	134,927
February	46,440	102,151	109,524	110,684	
March	45,343	112,115	103,957	125,921	
April	35,272	63,105	97,475	125,496	
May	42,874	111,000	94,256	130,530	
June	86,673	113,640	107,994	157,870	
July	119,192	105,856	93,348	157,543	
August	109,592	115,988	130,305	143,342	
September	122,907	107,114	142,177	125,127	
October	127,243	107,122	146,530	129,323	
November	106,457	99,714	112,305	126,152	
December	99,353	110,508	112,838	128,070	
TOTAL	989,364	1,248,798	1,364,587	1,578,107	

OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January	1,052,123	1,216,922	1,344,646	1,413,216	1,482,489
February	949,956	1,117,047	1,193,820	1,297,872	
March	1,012,774	1,239,377	1,321,545	1,387,512	
April	959,513	1,441,203	1,267,776	x1,353,806	
May	1,014,092	1,244,982	1,304,893	1,371,404	
June	1,006,602	1,158,889	1,245,659	1,353,081	
July	1,045,695	1,159,301	1,270,867	1,359,445	
August	1,099,524	1,191,218	1,306,710	1,386,797	
September	1,106,841	1,173,190	1,317,312	1,418,821	
October	1,189,454	1,290,580	1,415,896	x1,533,075	
November	1,192,494	1,292,686	1,394,955	1,481,813	
December	1,193,359	1,348,205	1,411,097	x1,536,702	
TOTAL	12,822,427	14,573,600	15,795,176	x16,893,344	

x - Revised.

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Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
OTTAWA

No. 2

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Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)  
Chief, Transportation and Public Utilities Branch, G. S. Wrong, B.Sc.

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

FEBRUARY, 1937

The output of central electric stations for February was 2,147,635,000 kilowatt hours or 11 per cent over the output of February, 1936, despite the extra day last year and, after adjustment for the variations in days and other seasonal factors, the index number reached a new high point at 225.33.

Exports to the United States increased from 134,931,000 kilowatt hours in January to 138,042,000 kilowatt hours and deliveries of secondary power to electric boilers amounted to 666,261,000 kilowatt hours.

Total output less exports and secondary power delivered to electric boilers amounted to 1,347,331,000 kilowatt hours and the index number was 180.41, which was slightly below those for June to October last year

22/3/37

**OUTPUT OF CENTRAL ELECTRIC STATIONS**  
(Thousands of kilowatt hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>MONTHLY OUTPUTS</u>						
<u>Generated by Water Power</u>						
Feb., 1937	2,109,245	54,656	1,132,271	671,489	149,058	101,771
Jan., 1937	x2,277,651	66,419	x1,207,794	722,380	171,701	109,357
Feb., 1936	1,901,249	54,049	984,744	614,360	151,637	116,459
<u>Generated by Fuel</u>						
Feb., 1937	38,390	17,551	285	18	19,293	1,243
Jan., 1937	41,520	17,407	325	24	22,295	1,469
Feb., 1936	37,729	16,659	268	60	19,713	1,029
<u>Total Output</u>						
Feb., 1937	2,147,635	72,207	1,132,556	671,507	168,351	103,014
Jan., 1937	x2,319,171	83,826	x1,208,119	722,404	193,996	110,826
Feb., 1936	1,937,978	50,708	985,012	613,420	171,350	117,488
<u>Total to Date</u>						
1937	4,466,806	156,033	2,340,675	1,393,911	362,347	213,840
1936	4,029,475	106,867	2,030,998	1,289,368	352,301	249,941
<u>PROVINCIAL CONSUMPTIONS1/</u>						
Feb., 1937	2,009,592	70,653	966,636	701,027	169,854	101,422
Jan., 1937	x2,184,240	81,959	x1,031,510	766,220	195,683	109,070
Feb., 1936	1,827,294	49,622	795,547	693,333	172,983	115,809
<u>Total to Date</u>						
1937	4,193,832	152,612	1,997,946	1,467,247	365,537	210,490
1936	3,800,740	104,856	1,661,288	1,432,452	355,469	246,675

INDEX NUMBER

	January	February	March	April	May	June
						<u>TOTAL</u>
1935	193.95	189.22	191.48	193.80	194.12	193.14
1936	201.54	x203.44	210.40	223.02	210.30	215.76
1937	223.47	225.33				
<u>OUTPUT LESS EXPORTS AND</u>						
1935	164.31	159.85	165.26	166.25	167.53	166.90
1936	172.69	x173.92	173.51	177.51	176.07	181.29
1937	x180.14	180.41				

1/ Production plus provincial imports less provincial exports.  
Revised.



**OUTPUT OF CENTRAL ELECTRIC STATIONS**  
(Thousands of kilowatt hours)

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS<sup>2/</sup></u>					
75,330	1,952	40,438	23,982	5,323	3,635
73,472	2,142	38,961	23,302	5,539	3,528
65,526	1,174	33,957	21,150	5,229	4,016
1,371	627	10	1	689	44
1,339	562	10	1	719	47
1,301	574	9	2	680	36
76,701	2,579	40,448	23,983	6,012	3,679
74,811	2,704	38,971	23,303	6,258	3,575
66,827	1,748	33,966	21,152	5,909	4,052
75,709	2,645	39,673	23,626	6,141	3,624
67,157	1,781	33,850	21,489	5,872	4,165
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
866,261	(3) 3,477	532,043	81,679	(4) 48,585	477
x710,077	x 6,335	x558,995	89,496	54,741	510
529,423	...	354,978	123,733	50,226	486
1,376,338	9,812	1,091,038	171,175	103,326	987
1,089,653	...	734,383	252,627	101,812	831

AVERAGE, 1926 = 100)

July	August	September	October	November	December
<u>OUTPUT</u>					
191.32	194.67	198.34	<u>205.07</u>	204.34	203.40
215.84	212.47	x 210.97	216.25	215.65	219.36
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
170.48	<u>172.16</u>	171.35	169.14	167.77	166.90
182.36	182.71	<u>x184.29</u>	183.13	178.22	<u>x179.39</u>

<sup>2/</sup> No allowance is made for the effect of holidays, Sundays or Saturdays, etc.

<sup>3/</sup> New Brunswick only.

<sup>4/</sup> Manitoba only.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1933	1934	1935	1936	1937
January	1,396,661	1,725,264	2,012,742	2,091,497	x 2,319,171
February	1,299,580	1,614,425	1,803,447	x 1,938,978	2,147,635
Sub Total	2,696,241	3,339,689	3,816,189	4,030,475	4,466,806
March	1,371,060	1,797,334	1,943,555	2,135,640	
April	1,296,805	1,697,909	1,881,029	2,164,628	
May	1,349,942	1,830,820	1,923,071	2,083,363	
June	1,370,901	1,708,632	1,816,250	2,028,980	
July	1,442,657	1,621,314	1,791,544	2,021,147	
August	1,508,216	1,676,865	1,851,153	2,020,416	
September	1,489,322	1,627,289	1,919,213	x 2,041,423	
October	1,617,608	1,853,226	2,162,569	2,280,508	
November	1,702,363	1,953,512	2,143,314	2,261,979	
December	1,707,886	2,052,940	2,156,525	2,325,733	
TOTAL	17,553,001	21,159,530	23,404,412	25,394,292	

EXPORTS TO THE UNITED STATES

January	48,018	100,485	113,878	118,050	x 134,931
February	46,440	102,151	109,524	110,684	138,042
Sub Total	94,458	202,636	223,402	228,734	272,973
March	45,343	112,115	103,957	125,921	
April	35,272	63,105	97,475	125,496	
May	42,874	111,000	94,256	130,530	
June	86,673	113,640	107,994	157,870	
July	119,192	105,856	93,348	157,543	
August	109,592	115,988	130,305	143,342	
September	122,907	107,114	142,177	125,127	
October	127,243	107,122	146,530	129,323	
November	106,457	99,714	112,305	126,152	
December	99,353	110,508	112,838	128,070	
TOTAL	989,364	1,248,798	1,364,587	1,578,107	

OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January	1,052,123	1,216,922	1,344,646	1,413,216	x 1,474,163
February	949,956	1,117,047	1,193,820	x 1,298,872	1,347,331
Sub Total	2,002,079	2,333,969	2,538,466	2,712,088	2,821,494
March	1,012,774	1,239,377	1,321,545	1,387,512	
April	959,513	1,141,203	1,267,776	1,353,606	
May	1,014,092	1,244,982	1,304,893	1,371,404	
June	1,006,602	1,158,889	1,245,659	1,353,081	
July	1,045,695	1,159,301	1,270,867	1,359,445	
August	1,099,524	1,191,218	1,306,710	1,386,797	
September	1,106,841	1,173,190	1,317,312	x 1,417,821	
October	1,189,454	1,290,580	1,415,896	1,533,075	
November	1,192,494	1,292,686	1,394,955	1,481,813	
December	1,193,359	1,348,205	1,411,097	x 1,516,702	
TOTAL	12,822,427	14,573,600	15,795,176	x 16,873,344	

x - Revised.

DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
OTTAWA

No. 3

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Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.)  
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

MARCH, 1937

Central electric stations produced 2,412,259,000 kilowatt hours during March. This was the largest output in any month, exceeding that of March last year by 276,619,000 kilowatt hours, or 13 per cent, and the index number rose from 210.40 for March, 1936, and 225.22 for February, 1937, the previous peak, to 237.66; the fifth Sunday in March last year would cause a reduction in the output.

Exports to the United States amounted to 172,699,000 kilowatt hours, an increase of 37 per cent over March 1936 exports. Surplus and off-peak power exported accounted for 7 per cent of this increase. Secondary power delivered to electric boilers increased from 622,208,000 kilowatt hours in March, 1936, and 664,150,000 kilowatt hours in February last to 706,651,000 kilowatt hours.

The consumption of firm power in Canada, the total output less exports and deliveries of secondary power to electric boilers, amounted to 1,532,909,000 kilowatt hours and was exceeded only by the October 1936 record of 1,533,075,000 kilowatt hours. The index number, adjusted for seasonal variations, reached a new high at 191.69 which was 7.4 points above the previous peak of 184.29 for last September.



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>MONTHLY OUTPUTS</u>						
<u>Generated by Water Power</u>						
March, 1937	2,372,071	59,967	1,249,212	773,731	156,865	132,296
Feb., 1937	x2,108,188	54,656	x1,131,109	x671,594	149,058	101,771
March, 1936	2,101,372	47,439	1,101,617	668,104	148,957	135,255
<u>Generated by Fuel</u>						
March, 1937	40,188	18,693	304	16	19,601	1,574
Feb., 1937	38,390	17,551	285	18	19,293	1,243
March, 1936	34,268	14,978	274	25	18,879	112
<u>Total Output</u>						
March, 1937	2,412,259	78,660	1,249,516	773,747	176,466	133,870
Feb., 1937	x2,146,578	72,207	x1,131,394	x671,612	168,351	103,014
March, 1936	2,135,640	62,417	1,101,891	668,129	167,836	135,367
<u>Total to Date</u>						
1937	6,876,743	234,693	3,587,642	2,167,885	538,813	347,710
1936	6,165,115	169,284	3,132,889	1,975,497	520,137	385,308
<u>PROVINCIAL CONSUMPTIONS<sup>1/</sup></u>						
March, 1937	2,239,560	77,175	1,058,895	793,243	178,077	132,170
Feb., 1937	x2,008,537	70,653	x 965,478	x701,132	169,854	101,420
March, 1936	2,009,720	60,954	907,738	737,870	169,384	133,774
<u>Total to Date</u>						
1937	6,431,072	229,787	3,054,296	2,260,717	543,614	342,658
1936	5,811,460	165,810	2,569,026	2,171,322	524,853	380,449

INDEX NUMBERS

	January	February	March	April	May	June
						<u>TOTAL</u>
1935	193.95	139.22	191.48	193.80	194.12	193.14
1936	201.54	203.44	210.40	<u>223.02</u>	210.30	215.76
1937	x223.35	x225.22	<u>237.66</u>			
<u>OUTPUT LESS EXPORTS AND</u>						
1935	164.31	159.85	165.26	166.25	167.53	166.90
1936	172.69	173.92	173.51	177.51	176.07	181.29
1937	x180.22	x180.02	<u>191.69</u>			

<sup>1/</sup> Production plus provincial imports less provincial exports.

x Revised.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS<sup>2/</sup></u>					
76,518	1,934	40,297	24,959	5,060	4,268
x75,292	1,952	x40,396	x23,986	5,323	3,635
67,786	1,530	35,536	21,552	4,805	4,363
1,296	603	10	1	632	50
1,371	627	10	1	689	44
1,106	483	9	...	610	4
77,814	2,537	40,307	24,960	5,692	4,318
x76,663	2,579	x40,406	x23,987	6,012	3,679
68,892	2,013	35,545	21,552	5,415	4,367
76,408	2,608	39,863	24,087	5,987	3,863
67,749	1,860	34,427	21,511	5,716	4,235
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
	(3)			(4)	
706,651	4,492	554,903	100,972	45,737	547
x664,150	3,477	x529,932	81,679	48,585	477
622,208	4,092	441,718	130,016	45,910	472
2,078,989	14,304	1,641,942	272,147	149,062	1,534
1,711,861	4,092	1,176,101	382,643	147,722	1,303

(AVERAGE, 1926 = 100)

July	August	September	October	November	December
<u>OUTPUT</u>					
191.32	194.67	198.34	205.07	204.34	203.40
215.84	212.47	210.97	216.25	215.65	219.36
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
170.48	172.16	171.35	169.14	167.77	166.90
182.36	182.71	184.29	183.13	178.22	179.39

<sup>2/</sup> No allowance is made for the effect of holidays, Sundays or Saturdays, etc.

<sup>3/</sup> New Brunswick only.

<sup>4/</sup> Manitoba only.



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1933	1934	1935	1936	1937
January	1,396,661	1,725,264	2,012,742	2,091,497	x2,317,906
February	1,299,580	1,614,425	1,803,447	1,938,978	x2,146,578
March	1,371,060	1,791,334	1,943,555	2,135,640	2,412,259
Sub Total	4,067,301	5,137,023	5,759,744	6,166,115	6,876,743
April	1,296,805	1,697,909	1,881,029	2,164,628	
May	1,349,942	1,830,820	1,923,071	2,083,363	
June	1,370,901	1,708,632	1,816,250	2,028,980	
July	1,442,657	1,621,314	1,791,544	2,021,147	
August	1,508,216	1,676,865	1,851,153	2,020,416	
September	1,489,322	1,627,289	1,919,213	2,041,423	
October	1,617,608	1,853,226	2,162,569	2,280,508	
November	1,702,363	1,953,512	2,143,314	2,261,979	
December	1,707,886	2,052,940	2,156,525	2,325,733	
TOTAL	17,553,001	21,159,530	23,404,412	25,394,292	

EXPORTS TO THE UNITED STATES

January	48,018	100,485	113,878	118,050	134,931
February	46,440	102,151	109,524	110,684	x138,041
March	45,343	112,115	103,957	125,921	172,699
Sub Total	139,801	314,751	327,359	354,655	445,671
April	35,272	63,105	97,475	125,496	
May	42,874	111,000	94,256	130,530	
June	86,673	113,640	107,994	157,870	
July	119,192	105,856	93,348	157,543	
August	109,592	115,988	130,305	143,342	
September	122,907	107,114	142,177	125,127	
October	127,243	107,122	146,530	129,323	
November	106,457	99,714	112,305	126,152	
December	99,353	110,508	112,838	128,070	
TOTAL	989,364	1,248,798	1,364,587	1,578,107	

OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January	1,052,123	1,216,922	1,344,646	1,413,216	x1,474,787
February	949,956	1,117,047	1,193,820	1,298,872	x1,344,387
March	1,012,774	1,239,371	1,321,545	1,387,512	1,532,909
Sub Total	3,014,853	3,573,346	3,860,011	4,099,600	4,352,083
April	959,513	1,141,203	1,267,776	1,353,606	
May	1,014,092	1,244,982	1,304,893	1,371,404	
June	1,006,602	1,158,889	1,245,659	1,353,081	
July	1,045,695	1,159,301	1,270,867	1,359,445	
August	1,099,524	1,191,218	1,306,710	1,386,797	
September	1,106,841	1,173,190	1,317,312	1,417,821	
October	1,189,454	1,290,580	1,415,896	1,533,075	
November	1,192,494	1,292,686	1,394,955	1,481,813	
December	1,193,359	1,348,205	1,411,097	1,516,702	
TOTAL	12,822,427	14,573,600	15,795,176	16,873,344	

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DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
OTTAWA

No. 4

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Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)  
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

APRIL, 1937

The index number for the monthly output of central electric stations continued to rise and for April reached a new high at 239.32. The output for the month was 2,322,884,000 kilowatt hours, or almost double the April, 1933, output and 7.3 per cent above that of April, 1936.

The index number for the consumption of firm power in Canada has been advancing during the last six months at approximately the same rate as the total output and also reached a new high in April at 198.08. The exports to the United States amounted to 164,247,000 kilowatt hours, as against 125,496,000 kilowatt hours last year and the deliveries of secondary power to electric boilers amounted to 648,127,000 kilowatt hours. This latter was a decrease of 8.3 per cent from the March deliveries and 5.5 per cent from the April, 1936, deliveries.

25/5/37

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>MONTHLY OUTPUTS</u>						
<u>Generated by Water Power</u>						
April, 1937	2,285,834	58,157	1,180,615	748,169	149,987	148,906
March, 1937	2,372,071	59,967	1,249,212	773,731	156,865	132,296
April, 1936	2,131,881	59,288	1,139,601	664,595	136,632	131,765
<u>Generated by Fuel</u>						
April, 1937	37,050	18,411	294	15	18,128	20,000
March, 1937	40,188	18,693	304	16	19,601	1,571
April, 1936	32,747	14,887	262	14	17,393	19,000
<u>Total Output</u>						
April, 1937	2,322,884	76,568	1,180,909	748,184	168,115	149,106
March, 1937	2,412,259	78,660	1,249,516	773,747	176,466	133,871
April, 1936	2,164,628	74,175	1,139,863	664,609	154,025	131,950
<u>Total to Date</u>						
1937	9,199,627	311,261	4,768,551	2,916,069	706,928	496,816
1936	8,329,743	243,459	4,272,752	2,622,106	674,162	517,250

PROVINCIAL CONSUMPTIONS<sup>1/</sup>

April, 1937	2,158,637	75,211	1,000,969	765,318	169,466	147,677
March, 1937	x 2,239,564	77,175	x 1,058,899	793,243	178,077	132,177
April, 1936	2,039,132	73,064	958,895	721,225	155,381	130,560
<u>Total to Date</u>						
1937	8,589,713	304,998	4,055,269	3,026,035	713,080	490,333
1936	7,850,592	238,874	3,527,921	2,892,547	680,234	511,010

INDEX NUMBER

	January	February	March	April	May	June
						<u>TOT</u>
1935	193.95	189.22	191.48	193.80	194.12	193.1
1936	201.54	203.44	210.40	223.02	210.30	215.7
1937	223.35	225.22	237.66	239.32		
<u>OUTPUT LESS EXPORTS A</u>						
1935	164.31	159.85	165.26	166.25	167.53	166.9
1936	172.69	173.92	173.51	177.51	176.07	181.2
1937	180.22	180.02	191.69	198.08		

<sup>1/</sup> Production plus provincial imports less provincial exports.

x Revised.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS<sup>2/</sup></u>					
-					
76,194	1,939	39,353	24,939	5,000	4,963
76,518	1,934	40,297	24,959	5,060	4,268
71,063	1,976	37,937	22,154	4,554	4,392
1,235	614	10	1	604	6
1,296	603	10	1	632	50
1,091	496	9	..	580	6
77,429	2,553	39,363	24,940	5,604	4,969
77,814	2,537	40,307	24,960	5,692	4,318
72,154	2,472	37,996	22,154	5,134	4,398
76,663	2,594	39,738	24,300	5,891	4,140
68,841	2,012	35,312	21,670	5,572	4,275
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
	(3)			(4)	
648,127	3,462	510,741	90,893	42,475	556
706,651	4,492	554,903	100,972	45,737	547
685,527	7,538	508,424	128,984	40,223	358
2,727,116	17,766	2,152,683	363,040	191,537	2,090
2,397,388	11,630	1,684,525	511,627	187,945	1,661
(AVERAGE, 1926 = 100)					
July	August	September	October	November	December
<u>OUTPUT</u>					
191.32	194.67	198.34	205.07	204.34	203.40
215.84	212.47	210.97	216.25	215.65	219.36
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
170.48	172.16	171.35	169.14	167.77	166.90
182.36	182.71	184.29	183.13	178.22	179.39

2/ No allowance is made for the effect of holidays, Sundays or Saturdays, etc

3/ New Brunswick only.

4/ Manitoba only.



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1933	1934	1935	1936	1937
January	1,396,661	1,725,264	2,012,742	2,091,497	2,317,906
February	1,299,580	1,614,425	1,803,447	1,938,978	2,146,578
March	1,371,060	1,797,334	1,943,555	2,135,640	2,412,259
April	1,296,805	1,697,909	1,881,029	2,164,628	2,322,884
Sub Total	5,363,106	6,834,932	7,640,773	8,330,743	9,199,627
May	1,349,942	1,830,820	1,923,071	2,083,363	
June	1,370,901	1,708,632	1,816,250	2,028,980	
July	1,442,657	1,621,314	1,791,544	2,021,147	
August	1,508,216	1,676,865	1,851,153	2,020,416	
September	1,489,322	1,627,289	1,919,213	2,041,423	
October	1,617,608	1,853,226	2,162,569	2,280,508	
November	1,702,363	1,953,512	2,143,314	2,261,979	
December	1,707,886	2,052,940	2,156,525	2,325,733	
TOTAL	17,553,001	21,159,530	23,404,412	25,394,292	

EXPORTS TO THE UNITED STATES

January	48,018	100,485	113,878	118,050	134,931
February	46,440	102,151	109,524	110,684	138,041
March	45,343	112,115	103,957	125,921	x 172,695
April	35,272	63,105	97,475	125,496	164,247
Sub Total	175,073	377,856	424,834	480,151	609,914
May	42,874	111,000	94,256	130,530	
June	86,673	113,640	107,994	157,870	
July	119,192	105,856	93,348	157,543	
August	109,592	115,988	130,305	143,342	
September	122,907	107,114	142,177	125,127	
October	127,243	107,122	146,530	129,323	
November	106,457	99,714	112,305	126,152	
December	99,353	110,508	112,838	128,070	
TOTAL	989,364	1,248,798	1,364,587	1,578,107	

OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January	1,052,123	1,216,922	1,344,646	1,413,216	1,474,787
February	949,956	1,117,047	1,193,820	1,298,872	1,344,387
March	1,012,774	1,239,377	1,321,545	1,387,512	x 1,532,912
April	959,513	1,141,203	1,267,776	1,353,606	1,510,510
Sub Total	3,974,366	4,714,549	5,127,787	5,453,206	5,861,596
May	1,014,092	1,244,982	1,304,893	1,371,404	
June	1,006,602	1,158,889	1,245,659	1,353,081	
July	1,045,695	1,159,301	1,270,867	1,359,445	
August	1,099,524	1,191,218	1,306,710	1,386,797	
September	1,106,841	1,173,190	1,317,312	1,417,821	
October	1,189,454	1,290,580	1,415,896	1,533,075	
November	1,192,494	1,292,686	1,394,955	1,481,813	
December	1,193,359	1,348,205	1,411,097	1,516,702	
TOTAL	12,822,427	14,573,600	15,795,176	16,873,344	

DEPARTMENT OF COMMERCE  
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Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
OTTAWA

No. 5

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Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.)  
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

MAY, 1937

Central electric stations in Canada produced 2,301,167,000 kilowatt hours during May, as against 2,322,884,000 kilowatt hours in April and 2,083,363,000 kilowatt hours in May last year. The index number, adjusted for seasonal variations, decreased from 239.32 for April, the previous peak, to 232.28.

Exports to the United States amounted to 161,027,000 kilowatt hours and deliveries of secondary power for electric boilers were 620,589,000 kilowatt hours.

Consumption of firm power (including line losses) increased from 1,510,508,000 kilowatt hours in April to 1,519,552,000 kilowatt hours. The index number fell from 198.08 for April to 195.08.

23/6/37

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>MONTHLY OUTPUTS</u>						
<u>Generated by Water Power</u>						
May, 1937	2,263,371	56,881	1,164,740	744,340	146,671	150,739
April, 1937	2,285,834	58,157	1,180,615	748,169	149,987	148,906
May, 1936	2,049,713	56,963	1,050,174	672,673	129,400	140,503
<u>Generated by Fuel</u>						
May, 1937	37,796	19,749	301	15	17,625	106
April, 1937	37,050	18,411	294	15	18,128	202
May, 1936	33,650	15,737	277	20	17,531	85
<u>Total Output</u>						
May, 1937	2,301,167	76,630	1,165,041	744,355	164,296	150,845
April, 1937	2,322,884	76,568	1,180,909	748,184	168,115	149,108
May, 1936	2,083,363	72,600	1,050,451	672,693	146,931	140,588
<u>Total to Date</u>						
1937	11,500,794	387,891	5,933,592	3,660,424	871,224	647,663
1936	10,413,106	316,159	5,323,203	3,294,799	821,093	657,852

PROVINCIAL CONSUMPTIONS<sup>1/</sup>

May, 1937	2,140,141	75,671	990,233	759,166	165,698	149,373
April, 1937	x 2,158,635	75,211	x1,000,967	765,318	169,466	147,673
May, 1936	1,952,833	71,662	904,761	688,923	148,248	139,239
<u>Total to Date</u>						
1937	10,729,852	380,669	5,045,500	3,785,201	878,778	639,704
1936	9,803,425	310,536	4,432,682	3,581,470	828,482	650,255

INDEX NUMBERS

	January	February	March	April	May	June
						<u>TOTAL</u>
1935	193.95	189.22	191.48	193.80	194.12	193.14
1936	201.54	203.44	210.40	223.02	210.30	215.76
1937	223.35	225.22	237.66	239.32	232.28	
<u>OUTPUT LESS EXPORTS AND</u>						
1935	164.31	159.85	165.26	166.25	167.53	166.90
1936	172.69	173.92	173.51	177.51	176.07	181.29
1937	180.22	180.02	191.69	198.08	195.08	

1/ Production plus provincial imports less provincial exports.

x Revised.



**OUTPUT OF CENTRAL ELECTRIC STATIONS**  
(Thousands of Kilowatt Hours)

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS<sup>2/</sup></u>					
73,012	1,835	37,572	24,011	4,731	4,863
76,194	1,939	39,353	24,939	5,000	4,963
66,120	1,837	33,877	21,700	4,174	4,532
1,219	637	10	1	568	3
1,235	614	10	1	604	6
1,085	508	9	..	565	3
74,231	2,472	37,582	24,012	5,299	4,866
77,429	2,553	39,363	24,940	5,604	4,969
67,205	2,345	33,886	21,700	4,739	4,535
76,164	2,569	39,295	24,241	5,770	4,289
68,507	2,080	35,021	21,676	5,402	4,328

DELIVERIES TO ELECTRIC BOILERS

	(3)			(4)	
620,589	1,663	493,737	88,525	36,187	477
648,127	3,462	510,741	90,893	42,475	556
581,429	4,123	443,978	106,582	26,362	384
3,347,705	19,429	2,646,420	451,565	227,724	2,567
2,978,817	15,753	2,128,503	618,209	214,307	2,045

AVERAGE, 1926 = 100)

July	August	September	October	November	December
<u>OUTPUT</u>					
191.32	194.67	198.34	205.07	204.34	203.40
215.84	212.47	210.97	216.25	215.65	219.36
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
170.48	172.16	171.35	169.14	167.77	166.90
182.36	182.71	184.29	183.13	178.22	179.39

<sup>2/</sup> No allowance is made for the effect of holidays, Sundays or Saturdays, etc.

<sup>3/</sup> New Brunswick only.      <sup>4/</sup> Manitoba only.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1933	1934	1935	1936	1937
January	1,396,661	1,725,264	2,012,742	2,091,497	2,317,906
February	1,299,580	1,614,425	1,803,447	1,938,978	2,146,578
March	1,371,060	1,797,334	1,943,555	2,135,640	2,412,259
April	1,296,805	1,697,909	1,881,029	2,164,628	2,322,884
May	1,349,942	1,830,820	1,923,071	2,083,363	2,301,167
Sub Total	6,713,048	8,665,752	9,563,844	10,414,106	11,500,794
June	1,370,901	1,708,632	1,816,250	2,028,980	
July	1,442,657	1,621,314	1,791,544	2,021,147	
August	1,508,216	1,676,865	1,851,153	2,020,416	
September	1,489,322	1,627,289	1,919,213	2,041,423	
October	1,617,608	1,853,226	2,162,569	2,280,508	
November	1,702,363	1,953,512	2,143,314	2,261,979	
December	1,707,886	2,052,940	2,156,525	2,325,733	
TOTAL	17,553,001	21,159,530	23,404,412	25,394,292	

EXPORTS TO THE UNITED STATES

January	48,018	100,485	113,878	118,050	134,931
February	46,440	102,151	109,524	110,684	138,041
March	45,343	112,115	103,957	125,921	172,695
April	35,272	63,105	97,475	125,496	164,247
May	42,874	111,000	94,256	130,530	161,027
Sub Total	217,947	488,856	519,090	610,681	770,941
June	86,673	113,640	107,994	157,870	
July	119,192	105,856	93,348	157,543	
August	109,592	115,988	130,305	143,342	
September	122,907	107,114	142,177	125,127	
October	127,243	107,122	146,530	129,323	
November	106,457	99,714	112,305	126,152	
December	99,353	110,508	112,838	128,070	
TOTAL	989,364	1,248,798	1,364,587	1,578,107	

OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January	1,052,123	1,216,922	1,344,646	1,413,216	1,474,787
February	949,956	1,117,047	1,193,820	1,298,872	1,344,387
March	1,012,774	1,239,377	1,321,545	1,387,512	1,532,912
April	959,513	1,141,203	1,267,776	1,353,606	1,510,508
May	1,014,092	1,244,982	1,304,893	1,371,404	1,519,552
Sub Total	4,988,458	5,959,531	6,432,680	6,824,610	7,381,146
June	1,006,602	1,158,889	1,245,659	1,353,081	
July	1,045,695	1,159,301	1,270,867	1,359,445	
August	1,099,524	1,191,218	1,306,710	1,386,797	
September	1,106,841	1,173,190	1,317,312	1,417,821	
October	1,189,454	1,290,580	1,415,896	1,533,075	
November	1,192,494	1,292,686	1,394,955	1,481,813	
December	1,193,359	1,348,205	1,411,097	1,516,702	
TOTAL	12,822,427	14,573,600	15,795,176	16,873,344	

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57-001

DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
OTTAWA

No. 6.

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.)  
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

JUNE, 1937

Central Electric Stations produced 2,253,477,000 kilowatt hours during June which was 11 per cent above the June 1936 output. After adjustment for seasonal variations the index number reached a new high point at 239.63 as compared with the previous peak of 239.32 for last April.

Exports to the United States amounted to 158,650,000 kilowatt hours, slightly above the May exports on a daily basis, and deliveries of secondary power to boilers amounted to 600,396,000 kilowatt hours as compared with 620,589,000 kilowatt hours in May, the daily average being practically the same in both months.

The consumption of firm power, or total output less exports and deliveries to electric boilers, at 1,494,432,000 kilowatt hours was not as high as for the previous three months nor for last December and October but, after adjusting for the unequal number of days in the months and other seasonal variations, the index number rose to a new high of 200.23 as compared with 195.08 for May and the previous peak of 198.08 for April.

22/7/37



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>MONTHLY OUTPUTS</u>						
<u>Generated by Water Power</u>						
June, 1937	2,214,290	57,721	1,145,375	728,706	129,335	154,153
May, 1937	2,263,371	56,881	1,164,740	744,340	146,671	150,739
June, 1936	1,993,366	58,209	1,022,875	661,507	110,291	140,484
<u>Generated by Fuel</u>						
June, 1937	39,187	21,040	296	23	17,723	105
May, 1937	37,796	19,749	301	15	17,625	106
June, 1936	35,614	17,700	285	37	17,507	85
<u>Total Output</u>						
June, 1937	2,253,477	78,761	1,145,671	728,729	146,058	154,258
May, 1937	2,301,167	76,630	1,165,041	744,355	164,296	150,845
June, 1936	2,028,980	75,909	1,023,160	661,544	127,798	140,569
<u>Total to Date</u>						
1937	13,754,271	466,652	7,079,263	4,389,153	1,017,282	801,921
1936	12,442,086	392,068	6,346,363	3,956,343	948,891	798,421
<u>PROVINCIAL CONSUMPTIONS 1/</u>						
June, 1937	2,094,827	77,919	980,502	736,182	147,517	152,707
May, 1937	x2,140,134	75,671	x990,226	759,168	165,698	149,373
June, 1936	1,871,110	74,539	883,234	645,006	129,086	139,245
<u>Total to Date</u>						
1937	12,824,672	458,588	6,025,995	4,521,383	1,026,295	792,411
1936	11,674,535	385,075	5,315,916	4,226,476	957,568	789,500

INDEX NUMBERS

	January	February	March	April	May	June
						<u>TOTAL</u>
1935	193.95	189.22	191.48	193.80	194.12	193.14
1936	201.54	203.44	210.40	223.02	210.30	215.76
1937	223.35	225.22	237.66	239.32	232.28	239.63
<u>OUTPUT LESS EXPORTS AND</u>						
1935	164.31	159.85	165.26	166.25	167.53	166.90
1936	172.69	173.92	173.51	177.51	176.07	181.29
1937	180.22	180.02	191.69	198.08	195.08	200.23

1/ Production plus provincial imports less provincial exports.      x - Revised.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS<sup>2/</sup></u>					
73,810	1,924	38,179	24,290	4,278	5,139
73,012	1,835	37,572	24,011	4,731	4,863
66,446	1,940	34,096	22,051	3,676	4,683
1,306	701	10	1	591	3
1,219	637	10	1	568	3
1,187	590	9	1	584	3
75,116	2,625	38,189	24,291	4,869	5,142
74,231	2,472	37,582	24,012	5,299	4,866
67,633	2,530	34,105	22,052	4,260	4,686
75,990	2,578	39,112	24,249	5,620	4,431
68,363	2,154	34,870	21,738	5,214	4,387
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
	(3)			(4)	
600,396	3,404	491,593	83,628	21,268	503
620,589	1,663	493,737	88,525	36,187	477
518,029	7,766	414,866	82,783	12,245	369
3,948,101	22,833	3,138,013	535,193	248,992	3,070
3,496,846	23,519	2,543,369	700,992	226,552	2,414

AVERAGE, 1926 = 100)

July	August	September	October	November	December
<u>OUTPUT</u>					
191.32	194.67	198.34	205.07	204.34	203.40
215.84	212.47	210.97	216.25	215.65	219.36
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
170.48	172.16	171.35	169.14	167.77	166.90
182.36	182.71	184.29	183.13	178.22	179.39

/ No allowance is made for the effect of holidays, Sundays or Saturdays, etc.  
/ New Brunswick only.      4/ Manitoba only.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1933	1934	1935	1936	1937
January	1,396,661	1,725,264	2,012,742	2,091,497	2,317,906
February	1,299,580	1,614,425	1,803,447	1,938,978	2,146,578
March	1,371,060	1,797,334	1,943,555	2,135,640	2,412,259
April	1,296,805	1,697,909	1,881,029	2,164,628	2,322,884
May	1,349,942	1,830,820	1,923,071	2,083,363	2,301,167
June	1,370,901	1,708,632	1,816,250	2,028,980	2,253,477
Sub Total	8,083,949	10,374,384	11,380,094	12,443,086	13,754,271
July	1,442,657	1,621,314	1,791,544	2,021,147	
August	1,508,216	1,676,865	1,851,153	2,020,416	
September	1,489,322	1,627,289	1,919,213	2,041,423	
October	1,617,608	1,853,226	2,162,569	2,280,508	
November	1,702,363	1,955,512	2,143,314	2,261,979	
December	1,707,886	2,052,940	2,156,525	2,325,733	
TOTAL	17,553,001	21,159,530	23,404,412	25,394,292	

EXPORTS TO THE UNITED STATES

January	48,018	100,485	113,878	118,050	134,931
February	46,440	102,151	109,524	110,684	138,041
March	45,343	112,115	103,957	125,921	172,695
April	35,272	63,105	97,475	125,496	164,247
May	42,874	111,000	94,256	130,530	x161,033
June	86,673	113,640	107,994	157,870	158,650
Sub Total	304,620	602,496	627,084	768,551	929,600
July	119,192	105,856	93,348	157,543	
August	109,592	115,988	130,305	143,342	
September	122,907	107,114	142,177	125,127	
October	127,243	107,122	146,530	129,323	
November	106,457	99,714	112,305	126,152	
December	99,353	110,508	112,838	128,070	
TOTAL	989,364	1,248,798	1,364,587	1,578,107	

OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January	1,052,123	1,216,922	1,344,646	1,413,216	1,474,787
February	949,956	1,177,047	1,193,820	1,298,872	1,344,387
March	1,012,774	1,239,377	1,321,545	1,387,512	1,532,912
April	959,513	1,141,203	1,267,776	1,353,606	1,510,508
May	1,014,092	1,244,982	1,304,893	1,371,404	x1,519,545
June	1,006,602	1,158,889	1,245,659	1,353,081	1,494,432
Sub Total	5,995,060	7,118,420	7,678,339	8,177,691	8,875,571
July	1,045,695	1,159,301	1,270,867	1,359,445	
August	1,099,524	1,191,218	1,306,710	1,386,797	
September	1,106,841	1,173,190	1,317,312	1,417,821	
October	1,189,454	1,290,580	1,415,896	1,533,075	
November	1,192,494	1,292,686	1,394,955	1,481,813	
December	1,193,359	1,348,205	1,411,097	1,516,702	
TOTAL	12,822,427	14,513,600	15,795,176	16,873,344	

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No. 7.

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)  
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

JULY, 1937

The output of central electric stations during July amounted to 2,183,055,000 kilowatt hours as compared with 2,255,338,200 kilowatt hours for June and with 2,021,147,000 kilowatt hours for July last year. The decrease from June output was slightly more than the usual seasonal and the index number dropped from 239.83 for June to 233.67.

Exports to the United States rose from 158,657,000 kilowatt hours for June to 164,043,000 kilowatt hours and deliveries of secondary power to electric boilers declined from 600,398,000 kilowatt hours in June to 513,459,000 kilowatt hours.

The consumption of firm power, including losses, was 1,510,554,200 kilowatt hours and the index number, adjusted for seasonal variations, rose to a new high at 202.63 as compared with the previous peak of 200.48 made in June.

23/8/37

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>MONTHLY OUTPUTS</u>						
<u>Generated by Water Power</u>						
July, 1937	2,147,462	55,471	1,089,338	725,263	126,101	151,289
June, 1937	x2,216,119	57,721	1,145,375	x730,536	x128,335	x154,152
July, 1936	1,986,583	56,372	1,028,072	636,134	116,304	149,701
<u>Generated by Fuel</u>						
July, 1937	40,593	21,421	315	25	18,733	99
June, 1937	x39,219	21,040	296	23	x17,755	105
July, 1936	34,564	15,963	298	37	18,187	79
<u>Total Output</u>						
July, 1937	2,188,055	76,892	1,089,653	725,288	144,834	151,388
June, 1937	x2,255,338	78,761	1,145,671	x730,559	x146,090	x154,257
July, 1936	2,021,147	72,335	1,028,370	636,171	134,491	149,780
<u>Total to Date</u>						
1937	15,944,187	543,544	8,168,916	5,113,271	1,162,148	953,308
1936	14,463,233	464,403	7,374,733	4,592,514	1,083,382	948,201
<u>PROVINCIAL CONSUMPTIONS 1/</u>						
July, 1937	2,024,013	75,900	919,852	732,140	146,322	149,799
June, 1937	x2,096,681	77,919	x980,495	x738,012	x147,549	x152,706
July, 1936	1,863,605	71,332	887,602	620,444	135,925	148,302
<u>Total to Date</u>						
1937	14,850,539	534,488	6,945,840	5,255,353	1,172,649	942,209
1936	13,538,140	456,407	6,203,518	4,846,920	1,093,493	937,802

INDEX NUMBERS

	January	February	March	April	May	June
						<u>TOTAL</u>
1935	193.95	189.22	191.48	193.80	194.12	193.14
1936	201.54	203.44	210.40	<u>223.02</u>	210.30	215.76
1937	223.35	225.22	237.66	239.32	232.28	x239.83
<u>OUTPUT LESS EXPORTS AND</u>						
1935	164.31	159.85	165.26	166.25	167.53	166.90
1936	172.69	173.92	173.51	177.51	176.07	181.29
1937	180.22	180.02	191.69	198.08	195.08	x200.48

1/ Production plus provincial imports less provincial exports.      x - Revised

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS<sup>2/</sup></u>					
69,273 x73,871 64,084	1,789 1,924 1,818	35,140 38,179 33,164	23,396 x24,351 20,521	4,068 4,278 3,752	4,880 5,139 4,829
1,309 x1,307 1,114	691 701 515	10 10 9	1 1 1	604 x592 586	3 3 3
70,582 x75,178 65,198	2,480 2,625 2,333	35,150 38,189 33,173	23,397 x24,352 20,522	4,672 x4,870 4,338	4,883 5,142 4,832
75,209 67,902	2,564 2,180	38,533 34,623	24,133 21,561	5,482 5,086	4,497 4,452
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
513,459 x600,398 504,160	(3) 2,195 3,404 5,089	410,866 491,593 417,260	79,413 x83,630 65,055	(4) 20,513 21,268 16,376	472 503 380
4,461,562 4,001,006	25,028 28,608	3,548,879 2,960,629	614,608 736,047	269,505 242,928	3,542 2,794

(AVERAGE, 1926 = 100)

July	August	September	October	November	December
<u>OUTPUT</u>					
191.32 215.84 233.67	194.67 212.47	198.34 210.97	205.07 216.25	204.34 215.65	203.40 219.36
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
170.48 182.36 202.63	172.16 182.71	171.35 184.29	169.14 183.13	167.77 178.22	166.90 179.39

2/ No. allowance is made for the effect of holidays, Sundays or Saturdays, etc.

3/ New Brunswick only.

4/ Manitoba only.



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1933	1934	1935	1936	1937
January	1,396,661	1,725,264	2,012,742	2,091,497	2,317,906
February	1,299,580	1,614,425	1,803,447	1,938,978	2,146,578
March	1,371,060	1,797,334	1,943,555	2,135,640	2,412,259
April	1,296,805	1,697,909	1,881,029	2,164,628	2,322,884
May	1,349,942	1,830,820	1,923,071	2,083,363	2,301,167
June	1,370,901	1,708,632	1,816,250	2,028,980	x2,255,338
July	1,442,657	1,621,314	1,791,544	2,021,147	2,188,055
Sub Total	9,526,606	11,995,698	13,171,638	14,464,233	15,944,187
August	1,508,216	1,676,865	1,851,153	2,020,416	
September	1,489,322	1,627,289	1,919,213	2,041,423	
October	1,617,608	1,853,226	2,162,569	2,280,508	
November	1,702,363	1,953,512	2,143,314	2,261,979	
December	1,707,886	2,052,940	2,156,525	2,325,733	
TOTAL	17,553,001	21,159,530	23,404,412	25,394,292	

EXPORTS TO THE UNITED STATES

January	48,018	100,485	113,878	118,050	134,931
February	46,440	102,151	109,524	110,684	138,041
March	45,343	112,115	103,957	125,921	172,695
April	35,272	63,105	97,475	125,496	x164,250
May	42,874	111,000	94,256	130,530	161,033
June	86,673	113,640	107,994	157,870	x158,657
July	119,192	105,856	93,348	157,543	164,043
Sub Total	423,812	708,352	720,432	926,094	1,093,650
August	109,592	115,988	130,305	143,342	
September	122,907	107,114	142,177	125,127	
October	127,243	107,122	146,530	129,323	
November	106,457	99,714	112,305	126,152	
December	99,353	110,508	112,838	128,070	
TOTAL	989,364	1,248,798	1,364,587	1,578,107	

OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January	1,052,123	1,216,922	1,344,646	1,413,216	1,474,787
February	949,956	1,117,047	1,193,820	1,298,872	1,344,387
March	1,012,774	1,239,377	1,321,545	1,387,512	1,532,912
April	959,513	1,141,203	1,267,776	1,353,606	1,510,508
May	1,014,092	1,244,982	1,304,893	1,371,404	1,519,545
June	1,006,602	1,158,889	1,245,659	1,353,081	x1,496,283
July	1,045,695	1,159,301	1,270,837	1,359,445	1,510,554
Sub Total	7,040,755	8,277,721	8,949,206	9,537,136	10,388,976
August	1,099,524	1,191,218	1,306,710	1,383,797	
September	1,103,841	1,173,190	1,317,312	1,417,821	
October	1,189,454	1,290,580	1,415,893	1,533,075	
November	1,192,494	1,292,686	1,394,955	1,481,813	
December	1,193,359	1,348,205	1,411,097	1,516,702	
TOTAL	12,822,427	14,573,600	15,795,176	16,873,344	

DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
OTTAWA

No. 8

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)  
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.S. c.

OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

AUGUST, 1937

The output of central electric stations in Canada during August increased from 2,188,055,000 kilowatt hours in July and from 2,020,416,000 kilowatt hours in August last year to 2,197,725,000 kilowatt hours. This was less than the usual seasonal rise and the index number dropped from 233.67 for July to 231.12. The drop, however, was in secondary power, deliveries to boilers decreasing from 513,634,000 kilowatt hours in July to 491,409,000 kilowatt hours, and exports to the United States also fell off from 164,057,000 kilowatt hours in July to 162,612,000 kilowatt hours.

The consumption of firm power, including line losses, increased from 1,510,365,000 kilowatt hours in July to 1,543,704,000 kilowatt hours. This was the largest monthly consumption on record and the index number, adjusted for seasonal variations, also rose to a new high at 203.38. The consumption of firm power in Ontario increased from 569,256,000 kilowatt hours in August last year to 671,170,000 kilowatt hours, or by 17.9 per cent, and in Quebec from 478,720,000 kilowatt hours to 509,977,000 kilowatt hours, or by 6.5 per cent. In the Maritime Provinces the increase was 14,441,000 kilowatt hours, or 22.3 per cent, in the Prairie Provinces it was 5,699,000 kilowatt hours, or 4.7 per cent, and in British Columbia, 3,595,000 kilowatt hours, or 2.4 per cent.



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>MONTHLY OUTPUTS</u>						
<u>Generated by Water Power</u>						
August, 1937	2,155,564	59,910	1,073,789	767,514	126,838	187,509
July, 1937	2,147,462	55,471	1,089,524	725,265	128,101	181,289
August, 1936	1,984,413	49,693	1,027,088	655,262	117,946	155,724
<u>Generated by Fuel</u>						
August, 1937	42,361	23,269	327	30	18,627	108
July, 1937	40,593	21,421	315	25	18,733	99
August, 1936	36,003	16,992	318	41	18,540	112
<u>Total Output</u>						
August, 1937	2,197,925	83,179	1,074,092	767,544	145,465	187,617
July, 1937	2,188,055	76,892	1,089,839	725,290	146,834	181,388
August, 1936	2,020,416	66,685	1,027,406	655,303	136,486	155,856
<u>Total to Date</u>						
1937	18,141,912	526,723	9,243,012	5,853,619	1,307,815	1,110,945
1936	16,483,649	531,088	8,402,149	5,228,417	1,219,866	1,002,037
<u>PROVINCIAL CONSUMPTIONS 1/</u>						
August, 1937	2,035,113	82,224	900,053	749,880	146,882	156,110
July, 1937	x 2,023,999	75,900	x 919,839	752,140	146,322	149,799
August, 1936	1,877,073	65,774	884,727	656,300	137,842	152,432
<u>Total to Date</u>						
1937	16,885,639	616,716	7,845,859	6,005,713	1,319,551	1,098,319
1936	15,415,215	522,181	7,080,245	5,433,270	1,267,335	1,090,234

INDEX NUMBERS

	January	February	March	April	May	June
						TOTAL
1935	193.95	189.22	191.48	193.80	194.12	195.14
1936	201.54	203.44	210.40	223.02	210.30	215.76
1937	223.35	225.22	237.66	239.32	232.28	234.83
<u>OUTPUT LESS EXPORTS AND</u>						
1935	164.31	159.85	165.26	166.25	167.53	168.90
1936	172.69	173.92	173.51	177.51	176.07	181.29
1937	180.22	180.02	191.69	198.08	195.08	200.48

1/ Production plus provincial imports less provincial exports. x. Revised.



**OUTPUT OF CENTRAL ELECTRIC STATIONS**  
(Thousands of Kilowatt Hours)

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS<sup>2/</sup></u>					
69,528	1,932	34,638	23,784	4,092	5,082
69,273	1,789	35,140	23,396	4,068	4,880
64,003	1,603	33,132	20,505	3,804	4,959
1,366	751	10	1	601	3
1,309	621	10	1	604	3
1,181	545	10	1	598	4
70,894	2,381	34,648	23,785	4,693	4,985
70,582	2,401	35,150	23,397	4,672	4,883
65,164	2,151	33,142	20,506	4,402	4,963
74,548	2,171	38,037	24,089	5,381	4,572
67,556	2,171	34,435	21,428	5,000	4,516
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
491,409	(3) 3,170	390,056	78,690	(4) 18,986	507
x513,634	2,195	x411,041	79,413	20,513	472
490,277	1,157	406,007	67,044	15,645	424
4,953,146	28,198	3,939,110	693,298	288,491	4,049
4,491,283	29,765	3,366,636	833,091	258,573	3,218

(AVERAGE, 1926 = 100)

July	August	September	October	November	December
<u>OUTPUT</u>					
191.32	194.67	198.34	205.07	204.34	203.40
215.64	212.47	210.97	216.25	215.65	219.36
238.67	231.12				
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
170.48	172.16	171.35	169.14	167.77	166.90
182.86	182.71	184.29	183.13	178.22	179.39
x202.60	203.38				

<sup>2/</sup> No allowance is made for the effect of holidays, Sundays or Saturdays, etc.

<sup>3/</sup> New Brunswick only.      <sup>4/</sup> Manitoba only.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1933	1934	1935	1936	1937
January	1,396,661	1,725,264	2,012,742	2,091,497	2,317,906
February	1,299,580	1,614,425	1,803,447	1,938,978	2,146,578
March	1,371,060	1,797,334	1,943,555	2,135,640	2,412,259
April	1,296,805	1,697,909	1,881,029	2,164,628	2,322,884
May	1,349,942	1,830,820	1,923,071	2,083,363	2,301,167
June	1,370,901	1,708,632	1,816,250	2,028,980	2,255,338
July	1,442,657	1,621,314	1,791,544	2,021,147	2,188,055
August	1,508,216	1,676,865	1,851,153	2,020,416	2,197,725
Sub Total	11,035,822	13,672,563	15,022,791	16,484,649	18,141,912
September	1,489,322	1,627,289	1,919,213	2,041,423	
October	1,617,608	1,853,226	2,162,569	2,280,508	
November	1,702,363	1,953,512	2,143,314	2,261,979	
December	1,707,886	2,052,940	2,156,525	2,325,733	
TOTAL	17,553,001	21,159,530	23,404,412	25,394,292	

EXPORTS TO THE UNITED STATES

January	43,018	100,485	113,878	118,050	134,931
February	46,440	102,151	109,524	110,684	138,041
March	45,343	112,115	103,957	125,921	172,695
April	35,272	63,105	97,475	x 125,495	164,250
May	42,874	111,000	94,256	130,530	161,033
June	86,673	113,640	107,994	157,870	158,657
July	119,192	105,856	93,348	157,543	x 164,057
August	109,592	115,988	130,305	143,342	162,612
Sub Total	533,404	824,340	850,737	1,069,435	1,256,276
September	122,907	107,114	142,177	125,127	
October	127,243	107,122	146,530	129,323	
November	106,457	99,714	112,305	126,152	
December	99,353	110,508	112,838	128,070	
TOTAL	989,364	1,248,798	1,364,587	1,578,107	

OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January	1,052,123	1,216,922	1,344,646	1,413,216	1,474,787
February	949,956	1,117,047	1,193,820	1,298,872	1,344,387
March	1,012,774	1,239,377	1,321,545	1,387,512	1,532,912
April	959,513	1,141,203	1,267,776	1,353,606	1,510,508
May	1,014,092	1,244,982	1,304,893	1,371,404	1,519,545
June	1,006,602	1,158,889	1,245,659	1,353,081	1,496,283
July	1,045,695	1,159,301	1,270,867	1,359,445	x 1,510,365
August	1,099,524	1,191,218	1,306,710	1,386,797	1,543,704
Sub Total	8,140,279	9,468,939	10,255,916	10,923,933	11,932,491
September	1,106,841	1,173,190	1,317,312	1,417,821	
October	1,189,454	1,290,580	1,415,896	1,533,075	
November	1,192,494	1,292,686	1,394,955	1,481,813	
December	1,193,359	1,348,205	1,411,097	1,516,702	
TOTAL	12,822,427	14,573,600	15,795,176	16,873,344	

x - Revised.



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DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
OTTAWA

No. 9

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Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.)  
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

SEPTEMBER, 1937

Central electric stations produced 2,195,291,000 kilowatt hours during September as compared with 2,197,725,000 kilowatt hours in August. On a daily basis this was an increase of 3.2 per cent. but the index, adjusted for seasonal variations, dropped from 231.12 to 226.88. The increase over the output in September last year was 7.5 per cent.

Exports to the United States dropped from 162,617,000 kilowatt hours in August to 143,441,000 kilowatt hours and deliveries of secondary power to electric boilers decreased from 491,409,000 to 487,348,000 kilowatt hours; the extra day in August would more than account for this latter decrease.

In past years the September consumption of firm power has been about 1.4 per cent above the August consumption. This rate of increase was almost made this year, the consumption being 1,564,502,000 kilowatt hours as against 1,543,699,000 kilowatt hours in August. The index number dropped only a fraction of a point from the peak recorded for August, declining from 203.38 to 203.36. Compared with the firm power consumption in September last year the gain was 146,681,000 kilowatt hours, or 10.3 per cent.



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>MONTHLY OUTPUTS</u>						
<u>Generated by Water Power</u>						
Sept., 1937	2,152,179	52,759	1,098,376	690,517	145,494	165,033
August, 1937	2,155,364	59,910	x1,103,245	x707,842	126,838	157,529
Sept., 1936	2,004,433	52,254	1,031,592	634,168	135,045	151,374
<u>Generated by Fuel</u>						
Sept., 1937	43,112	22,796	320	31	19,806	159
August, 1937	42,361	23,269	327	30	18,627	108
Sept., 1936	37,990	17,705	316	43	19,784	142
<u>Total Output</u>						
Sept., 1937	2,195,291	75,554	1,098,696	690,548	165,300	165,192
August, 1937	2,197,725	83,179	x1,103,565	x707,873	145,465	157,637
Sept., 1936	2,042,423	69,959	1,031,908	634,211	154,829	151,516
<u>Total to Date</u>						
1937	20,337,203	702,277	10,567,626	6,318,299	1,472,913	1,276,137
1936	18,526,072	601,047	9,434,047	5,862,728	1,374,697	1,253,553
<u>PROVINCIAL CONSUMPTIONS 1/</u>						
Sept., 1937	2,051,849	74,374	900,297	746,791	166,686	163,701
August, 1937	x2,035,108	82,228	x900,028	749,860	146,882	156,110
Sept., 1936	1,916,296	68,936	886,462	654,597	156,327	149,974
<u>Total to Date</u>						
1937	18,937,482	691,090	8,746,151	6,752,004	1,486,217	1,262,020
1936	17,331,511	591,117	7,974,707	6,136,817	1,387,662	1,240,208

INDEX NUMBER

	January	February	March	April	May	June
						<u>TOTAL</u>
1935	193.95	189.22	191.48	193.80	194.12	193.14
1936	201.54	203.44	210.40	223.02	210.30	215.76
1937	223.35	225.22	237.66	239.32	232.28	239.83
<u>OUTPUT LESS EXPORTS AND</u>						
1935	164.31	159.85	165.26	166.25	167.53	166.90
1936	172.69	173.92	173.51	177.51	176.07	181.29
1937	180.22	180.02	191.69	198.08	195.08	200.48

1/ Production plus provincial imports less provincial exports.  
x - Revised.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS<sup>2/</sup></u>					
71,739 69,528 66,814	1,759 1,932 1,742	36,612 x 35,588 34,386	23,017 x 22,834 21,140	4,850 4,092 4,501	5,501 5,082 5,045
1,437 1,366 1,266	760 751 590	11 10 11	1 1 1	660 601 659	5 3 5
73,176 70,894 68,080	2,519 2,683 2,332	36,623 x35,598 34,397	23,018 x22,835 21,141	5,510 4,693 5,160	5,506 5,085 5,050
74,495 67,613	2,572 2,193	38,709 34,431	23,144 21,397	5,395 5,017	4,675 4,575
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
487,348 491,409 498,474	(3) 1,877 3,170 3,543	386,201 390,056 406,359	67,594 78,690 60,979	(4) 31,181 18,986 27,144	495 507 449
5,440,493 4,989,757	30,073 33,308	4,325,311 3,772,995	760,892 894,070	319,671 285,717	4,544 3,667
(AVERAGE, 1926 = 100)					
July	August	September	October	November	December
<u>OUTPUT</u>					
191.32 215.84 233.67	194.67 212.47 231.12	198.34 210.97 226.88	205.07 216.25	204.34 215.65	203.40 219.36
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
170.48 182.36 202.60	172.16 182.71 203.38	171.35 184.29 203.36	169.14 183.13	167.77 178.22	166.90 179.39

<sup>2/</sup> No allowance is made for the effect of holidays, Sundays or Saturdays, etc.

<sup>3/</sup> New Brunswick only.

4/ Manitoba only.



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1933	1934	1935	1936	1937
January	1,396,661	1,725,264	2,012,742	2,091,497	2,317,906
February	1,299,580	1,614,425	1,803,447	1,938,978	2,146,578
March	1,371,060	1,797,334	1,943,555	2,135,640	2,412,259
April	1,296,805	1,697,909	1,881,029	2,164,628	2,322,884
May	1,349,942	1,830,820	1,923,071	2,083,363	2,301,167
June	1,370,901	1,708,632	1,816,250	2,028,980	2,255,338
July	1,442,657	1,621,314	1,791,544	2,021,147	2,188,055
August	1,508,216	1,676,865	1,851,153	2,020,416	2,197,725
September	1,489,322	1,627,289	1,919,213	2,041,423	2,195,291
Sub Total	12,525,144	15,299,852	16,942,004	18,526,072	20,337,203
October	1,617,608	1,853,226	2,162,569	2,280,508	
November	1,702,363	1,953,512	2,143,314	2,261,979	
December	1,707,886	2,052,940	2,156,525	2,325,733	
TOTAL	17,553,001	21,159,530	23,404,412	25,394,292	

EXPORTS TO THE UNITED STATES

January	46,018	100,485	113,878	118,050	134,931
February	46,440	102,151	109,524	110,684	138,041
March	45,343	112,115	103,957	125,921	172,695
April	35,272	63,105	97,475	125,495	164,250
May	42,874	111,000	94,256	130,530	161,033
June	86,673	113,640	107,994	157,870	158,657
July	119,192	105,856	93,348	157,543	164,057
August	109,592	115,988	130,305	143,342	x 162,617
September	122,907	107,114	142,177	125,127	143,441
Sub Total	656,311	931,454	992,914	1,194,562	1,399,722
October	127,243	107,122	146,530	129,323	
November	106,457	99,714	112,305	126,152	
December	99,353	110,508	112,838	128,070	
TOTAL	989,354	1,248,798	1,364,587	1,578,107	

OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January	1,052,123	1,216,922	1,344,646	1,413,216	1,474,787
February	949,956	1,117,047	1,193,820	1,298,872	1,344,387
March	1,012,774	1,239,377	1,321,545	1,387,512	1,532,912
April	959,513	1,141,203	1,267,776	1,353,606	1,510,508
May	1,014,092	1,244,982	1,304,893	1,371,404	1,519,545
June	1,006,602	1,158,889	1,245,659	1,353,081	1,496,283
July	1,045,695	1,159,301	1,270,867	1,359,445	1,510,365
August	1,099,524	1,191,218	1,306,710	1,386,797	x1,543,699
September	1,106,841	1,173,190	1,317,312	1,417,821	1,564,502
Sub Total	9,247,120	10,642,129	11,573,228	12,341,754	13,496,988
October	1,189,454	1,290,580	1,415,896	1,533,075	
November	1,192,494	1,292,686	1,394,955	1,481,813	
December	1,193,359	1,348,205	1,411,097	1,516,702	
TOTAL	12,822,427	14,573,600	15,795,176	16,873,344	

x - Revised.



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DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
OTTAWA

No. 10

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Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.)  
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

OCTOBER, 1937

The output of central electric stations in Canada during October amounted to 2,365,062,000 kilowatt hours. This was an increase of 3.7 per cent over the output of 2,280,508,000 kilowatt hours for October last year, as compared with an increase of 9.1 per cent for the January-October output. The increase over the September output of 2,195,291,000 kilowatt hours was less than the normal and the index number dropped from 226.88 to 224.27.

Exports to the United States decreased from 143,441,000 kilowatt hours in September to 142,736,000, but the deliveries of secondary power to electric boilers increased from 487,348,000 kilowatt hours in September to 566,436,000 kilowatt hours. The consumption of firm power increased from 1,564,502,000 kilowatt hours in September and 1,533,075,000 kilowatt hours in October last year to 1,655,889,000 kilowatt hours, an increase of 8 per cent over last year. The index number dropped from 203.36 for September to 197.80.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>MONTHLY OUTPUTS</u>						
<u>Generated by Water Power</u>						
Oct., 1937	2,318,815	56,076	1,205,419	723,352	167,898	166,070
Sept., 1937	2,152,179	52,759	1,098,376	690,517	145,494	165,033
Oct., 1936	2,237,928	59,616	1,170,437	689,930	163,499	154,446
<u>Generated by Fuel</u>						
Oct., 1937	46,247	23,906	331	35	21,776	199
Sept., 1937	43,112	22,796	320	31	19,806	159
Oct., 1936	42,580	20,147	326	48	21,937	122
<u>Total Output</u>						
Oct., 1937	2,365,062	79,982	1,205,750	723,387	189,674	166,269
Sept., 1937	2,195,291	75,554	1,098,696	690,548	165,300	165,192
Oct., 1936	2,280,508	79,763	1,170,763	689,978	185,436	154,568
<u>Total to Date</u>						
1937	22,702,265	782,260	11,773,376	7,041,636	1,662,587	1,442,406
1936	20,806,580	680,810	10,604,810	6,552,706	1,560,133	1,408,121
<u>PROVINCIAL CONSUMPTIONS 1/</u>						
Oct., 1937	2,222,325	78,502	992,107	795,877	191,156	164,683
Sept., 1937	2,051,849	74,374	900,297	746,791	166,686	163,701
Oct., 1936	2,151,184	78,438	1,022,395	710,395	187,072	152,884
<u>Total to Date</u>						
1937	21,159,807	769,592	9,738,258	7,547,881	1,677,373	1,426,703
1936	19,482,695	669,555	8,997,102	6,847,212	1,574,734	1,393,092

INDEX NUMBERS

	January	February	March	April	May	June
						<u>TOTAL</u>
1935	193.95	189.22	191.48	193.80	194.12	193.14
1936	201.54	203.44	210.40	<u>223.02</u>	210.30	215.76
1937	223.35	225.22	237.66	<u>239.32</u>	232.28	<u>239.83</u>
<u>OUTPUT LESS EXPORTS AND</u>						
1935	164.31	159.85	165.26	166.25	167.53	166.90
1936	172.69	173.92	173.51	177.51	176.07	181.29
1937	180.22	180.02	191.69	198.08	195.08	200.48

1/ Production plus provincial imports less provincial exports.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS</u> <sup>2/</sup>					
74,800	1,809	38,884	23,334	5,416	5,357
71,739	1,759	36,612	23,017	4,850	5,501
72,190	1,923	37,756	22,255	5,274	4,982
1,492	771	11	1	703	6
1,437	760	11	1	660	5
1,374	650	10	2	708	4
76,292	2,580	38,895	23,335	6,119	5,363
73,176	2,519	36,623	23,018	5,510	5,506
73,564	2,573	37,766	22,257	5,982	4,986
74,678	2,573	38,728	23,163	5,469	4,745
68,218	2,232	34,770	21,484	5,115	4,617
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
(3)	(3)			(4)	
566,436	2,532	447,539	69,880	45,988	497
487,348	1,877	386,201	67,594	31,181	495
618,109	4,961	496,953	70,326	45,385	484
6,006,930	32,607	4,772,850	830,772	365,660	5,041
5,607,866	38,269	4,269,948	964,396	331,102	4,151
(AVERAGE, 1926 = 100)					
July	August	September	October	November	December
<u>OUTPUT</u>					
191.32	194.67	198.34	205.07	204.34	203.40
215.84	212.47	210.97	216.25	215.65	219.36
233.67	231.12	226.88	224.27		
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
170.48	172.16	171.35	169.14	167.77	166.90
182.36	182.71	184.29	183.13	178.22	179.39
202.60	203.38	203.36	197.80		

2/ No allowance is made for the effect of holidays, Sundays or Saturdays, etc.  
3/ New Brunswick only.      4/ Manitoba only.



# OUTPUT OF CENTRAL ELECTRIC STATIONS

Month	1933	1934	1935	1936	1937
January	1,396,661	1,725,264	2,012,742	2,091,497	2,317,906
February	1,299,580	1,614,425	1,803,447	1,938,978	2,146,578
March	1,371,060	1,797,334	1,943,555	2,135,640	2,412,259
April	1,296,805	1,697,909	1,881,029	2,164,628	2,322,884
May	1,349,942	1,830,820	1,923,071	2,083,363	2,301,167
June	1,370,901	1,708,632	1,816,250	2,028,980	2,255,338
July	1,442,657	1,621,314	1,791,544	2,021,147	2,188,055
August	1,508,216	1,676,865	1,851,153	2,020,416	2,197,725
September	1,489,322	1,627,289	1,919,213	2,041,423	2,195,291
October	1,617,608	1,853,226	2,162,569	2,280,508	2,365,062
Sub Total	14,142,752	17,153,078	19,104,573	20,806,580	22,702,265
November	1,702,363	1,953,512	2,143,314	2,261,979	
December	1,707,886	2,052,940	2,156,525	2,325,733	
TOTAL	17,553,001	21,159,530	23,404,412	25,394,292	

## EXPORTS TO THE UNITED STATES

January	48,018	100,485	113,878	118,050	134,931
February	46,440	102,151	109,524	110,684	138,041
March	45,343	112,115	103,957	125,921	172,695
April	35,272	63,105	97,475	125,495	164,250
May	42,874	111,000	94,256	130,530	161,033
June	86,673	113,640	107,994	157,870	158,657
July	119,192	105,856	93,348	157,543	164,057
August	109,592	115,988	130,305	143,342	162,617
September	122,907	107,114	142,177	125,127	143,441
October	127,243	107,122	146,530	129,323	142,736
Sub Total	783,554	1,038,576	1,139,444	1,323,885	1,542,458
November	106,457	99,714	112,305	126,152	
December	99,353	110,508	112,838	128,070	
TOTAL	989,364	1,248,798	1,364,587	1,578,107	

## OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January	1,052,123	1,216,922	1,344,646	1,413,216	1,474,787
February	949,956	1,117,047	1,193,820	1,298,872	1,344,387
March	1,012,774	1,239,377	1,321,545	1,387,512	1,532,912
April	959,513	1,141,203	1,267,776	1,353,606	1,510,508
May	1,014,092	1,244,982	1,304,893	1,371,404	1,519,545
June	1,006,602	1,158,889	1,245,659	1,353,081	1,496,283
July	1,045,695	1,159,301	1,270,867	1,359,445	1,510,365
August	1,099,524	1,191,218	1,306,710	1,386,797	1,543,699
September	1,106,841	1,173,190	1,317,312	1,417,821	1,564,502
October	1,189,454	1,290,580	1,415,896	1,533,075	1,655,889
Sub Total	10,436,574	11,932,709	12,989,124	13,874,829	15,152,877
November	1,192,494	1,292,686	1,394,955	1,481,813	
December	1,193,359	1,348,205	1,411,097	1,516,702	
TOTAL	12,822,427	14,573,600	15,795,176	16,873,344	

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DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
OTTAWA

No. 11

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)  
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

NOVEMBER, 1937

Central electric stations in Canada produced 2,414,665,000 kilowatt hours during November, as against 2,365,052,000 kilowatt hours in October and 2,261,979,000 kilowatt hours in November last year, and the index number rose from 224.27 for October to 230.21. The increases on a daily basis were 5.4 per cent over October and 6.7 per cent over November, 1936. These comparisons ignore the effect of the extra Sunday in October and also in November last year which would account for two to three per cent of these increases.

Deliveries of secondary power to electric boilers increased from 566,436,000 kilowatt hours in October to 630,424,000 kilowatt hours, but were 3.6 per cent below those of November last year. Exports to the United States rose from 142,736,000 kilowatt hours in October and 126,152,000 kilowatt hours in November, 1936, to 145,546,000 kilowatt hours, the largest November export on record although not the highest in any month.

The consumption of firm power in Canada, computed by subtracting the exports and deliveries to electric boilers from the total output, increased from 1,481,813,000 kilowatt hours last year to 1,638,695,000 kilowatt hours, or by 10.6 per cent, but was 17,184,000 kilowatt hours below October's and the index number dropped from 197.80 for October to 197.08.

22/12/37



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>MONTHLY OUTPUTS</u>						
<u>Generated by Water Power</u>						
Nov., 1937	2,366,624	55,952	1,252,863	721,545	170,711	165,553
Oct., 1937	x 2,318,805	56,076	x1,205,409	723,352	167,898	166,070
Nov., 1936	2,219,428	59,642	1,172,593	696,848	159,017	131,238
<u>Generated by Fuel</u>						
Nov., 1937	48,041	24,723	355	30	22,773	160
Oct., 1937	46,247	23,906	331	35	21,776	199
Nov., 1936	42,551	19,597	317	32	21,853	762
<u>Total Output</u>						
Nov., 1937	2,414,665	80,675	1,253,218	721,575	193,484	165,713
Oct., 1937	x 2,365,052	79,982	x1,205,740	723,387	189,674	166,269
Nov., 1936	2,261,979	79,239	1,173,000	696,870	180,870	132,000
<u>Total to Date</u>						
1937	25,116,867	862,935	13,026,584	7,763,212	1,856,018	1,608,118
1936	23,068,559	760,049	11,777,810	7,249,576	1,749,003	1,540,121
<u>PROVINCIAL CONSUMPTIONS 1/</u>						
Nov., 1937	2,269,119	79,165	1,039,326	791,538	195,045	164,045
Oct., 1937	x 2,222,315	78,502	x 992,097	795,877	191,156	164,683
Nov., 1936	2,135,827	77,631	1,020,130	725,359	182,344	130,363
<u>Total to Date</u>						
1937	23,428,916	848,757	10,777,574	8,339,419	1,872,418	1,590,748
1936	21,618,522	747,186	10,017,232	7,572,571	1,757,078	1,523,455

INDEX NUMBERS

	January	February	March	April	May	June
						<u>TOTAL</u>
1935	193.95	189.22	191.48	193.80	194.12	193.14
1936	201.54	203.44	210.40	223.02	210.30	215.76
1937	223.35	225.22	237.66	239.32	232.28	239.83
<u>OUTPUT LESS EXPORTS AND</u>						
1935	164.31	159.85	165.26	166.25	167.53	166.90
1936	172.69	173.92	173.51	177.51	176.07	181.29
1937	180.22	180.02	191.69	198.08	195.08	200.48

1/ Production plus provincial imports less provincial exports.

x Revised.



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS<sup>2/</sup></u>					
78,887	1,865	41,762	24,052	5,690	5,518
74,800	1,809	38,884	23,334	5,416	5,357
73,981	1,988	39,089	23,228	5,301	4,375
1,601	824	12	1	759	5
1,492	771	11	1	703	6
1,418	653	11	1	728	25
80,488	2,689	41,774	24,053	6,449	5,523
76,292	2,580	38,895	23,335	6,119	5,363
75,399	2,641	39,100	23,229	6,029	4,400
75,200	2,583	39,002	23,243	5,557	4,815
68,861	2,269	35,158	21,640	5,197	4,597
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
	(3)			(4)	
630,424	2,962	494,629	85,523	46,761	549
566,436	2,532	447,539	69,880	45,988	497
654,015	5,002	517,446	80,489	50,483	595
6,637,354	35,569	5,267,479	916,295	412,421	5,590
6,261,881	43,271	4,787,394	1,044,885	381,585	4,746

(AVERAGE, 1926 = 100)

July	August	September	October	November	December
<u>OUTPUT</u>					
191.32	194.67	198.34	205.07	204.34	203.40
215.84	212.47	210.97	216.25	215.65	219.36
233.67	231.12	226.88	224.27	230.21	
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
170.48	172.16	171.35	169.14	167.77	166.90
182.36	182.71	184.29	183.13	178.22	179.39
202.60	203.38	203.36	197.80	197.08	

<sup>2/</sup> No allowance is made for the effect of holidays, Sundays or Saturdays, etc.

<sup>3/</sup> New Brunswick only.

<sup>4/</sup> Manitoba only.

# OUTPUT OF CENTRAL ELECTRIC STATIONS

Month	1933	1934	1935	1936	1937
January	1,396,661	1,725,264	2,012,742	2,091,497	2,317,906
February	1,299,580	1,614,425	1,803,447	1,938,978	2,146,578
March	1,371,060	1,797,334	1,943,555	2,135,640	2,412,259
April	1,296,805	1,697,909	1,881,029	2,164,628	2,322,884
May	1,349,942	1,830,820	1,923,071	2,083,363	2,301,167
June	1,370,901	1,708,632	1,816,250	2,028,980	2,255,338
July	1,442,657	1,627,374	1,791,544	2,021,147	2,188,055
August	1,508,216	1,676,855	1,851,153	2,020,416	2,197,725
September	1,489,322	1,627,289	1,979,213	2,041,423	2,195,291
October	1,617,608	1,853,228	2,152,569	2,280,508	2,365,052
November	1,702,365	1,953,512	2,143,314	2,261,979	2,414,665
Sub Total	15,845,115	19,106,590	21,247,887	23,068,559	25,116,920
December	1,707,886	2,052,940	2,156,525	2,325,733	
TOTAL	17,553,001	21,159,530	23,404,412	25,394,292	

## EXPORTS TO THE UNITED STATES

January	48,018	100,485	113,878	118,050	134,931
February	46,440	102,151	109,524	110,684	138,041
March	45,343	112,115	103,957	125,921	172,695
April	35,272	63,105	97,475	x 125,496	164,250
May	42,874	111,000	94,256	130,530	161,033
June	86,673	113,640	107,994	x 157,871	158,657
July	119,192	105,856	93,348	157,543	164,057
August	109,592	115,988	130,305	143,342	162,617
September	122,907	107,114	142,177	125,127	143,441
October	127,243	107,122	146,530	129,323	142,736
November	106,457	99,714	112,305	126,152	145,546
Sub Total	890,011	1,138,290	1,251,749	1,450,039	1,688,004
December	99,353	110,508	112,838	128,070	
TOTAL	989,364	1,248,798	1,364,587	x1,578,109	

## OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January	1,052,123	1,216,922	1,344,646	1,413,216	1,474,787
February	949,956	1,117,047	1,193,820	1,298,872	1,344,387
March	1,012,774	1,239,377	1,321,545	1,387,512	1,532,912
April	959,513	1,141,203	1,267,776	x 1,353,605	1,510,508
May	1,014,092	1,244,982	1,304,893	1,371,404	1,519,545
June	1,006,602	1,158,889	1,245,659	x 1,353,080	1,496,283
July	1,045,696	1,159,301	1,270,867	1,359,445	1,510,365
August	1,099,524	1,191,218	1,306,710	1,386,797	1,543,699
September	1,106,841	1,173,190	1,317,312	1,417,821	1,564,502
October	1,189,454	1,290,580	1,415,896	1,533,075	x1,655,879
November	1,192,494	1,292,686	1,394,955	1,481,813	1,638,695
Sub Total	11,629,068	13,225,395	14,384,079	15,355,642	16,791,562
December	1,193,359	1,348,205	1,411,097	1,516,702	
TOTAL	12,822,427	14,573,600	15,795,176	x16,873,342	

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57-00

DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
OTTAWA

No. 12

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Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)  
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

DECEMBER, 1937

Central electric stations in Canada produced 2,457,996,000 kilowatt hours during December and the index number rose from 230.21 for November to 231.83. The consumption of firm power (total production less exports and secondary power delivered to electric boilers) dropped from 1,638,703,000 kilowatt hours in November to 1,629,452,000 kilowatt hours and the index number dropped from 197.08 to 192.73. Exports to the United States amounted to 159,093,000 kilowatt hours, as against 145,549,000 kilowatt hours in November and 128,070,000 kilowatt hours in December, 1936. Deliveries of secondary power to electric boilers increased from 630,424,000 kilowatt hours in November to 669,451,000 kilowatt hours but were below the December, 1936, deliveries of 680,960,000 kilowatt hours.

The total output, exports to the United States, deliveries of secondary power to electric boilers, and the consumption of firm power all created new high records in 1937. The total output amounted to 27,574,926,000 kilowatt hours which was 2,180,634,000 kilowatt hours, or 8.6 per cent, above the 1936 record. Exports to the United States increased from 1,578,109,000 kilowatt hours in 1936 to 1,847,100,000 kilowatt hours, deliveries to electric boilers rose from 6,942,841,000 kilowatt hours to 7,306,805,000 kilowatt hours, and the consumption of firm power from 16,873,342,000 kilowatt hours to 18,421,022,000 kilowatt hours, or by 9.2 per cent.



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>MONTHLY OUTPUTS</u>						
<u>Generated by Water Power</u>						
Dec., 1937	2,409,935	60,432	1,282,770	715,242	181,165	170,326
Nov., 1937	x 2,366,634	55,952	x1,252,873	721,545	170,711	165,553
Dec., 1936	2,283,384	61,963	1,227,435	704,988	166,080	122,918
<u>Generated by Fuel</u>						
Dec., 1937	48,061	23,427	355	42	23,651	586
Nov., 1937	48,041	24,723	355	30	22,773	160
Dec., 1936	42,349	18,151	345	40	22,789	1,024
<u>Total Output</u>						
Dec., 1937	2,457,996	83,859	1,283,125	715,284	204,816	170,912
Nov., 1937	x 2,414,675	80,675	x1,253,228	721,575	193,484	165,713
Dec., 1936	2,325,733	80,114	1,227,780	705,028	188,869	123,942
<u>Total to Date</u>						
1937	27,574,926	946,794	14,309,719	8,478,496	2,060,887	1,779,030
1936	25,394,292	840,162	13,005,591	7,954,604	1,929,872	1,664,063
<u>PROVINCIAL CONSUMPTIONS 1/</u>						
Dec., 1937	2,298,903	82,267	1,032,743	808,288	206,381	169,224
Nov., 1937	x 2,269,127	79,165	x1,039,336	x791,536	195,045	164,045
Dec., 1936	2,197,662	78,534	1,047,193	759,205	190,822	121,908
<u>Total to Date</u>						
1937	25,727,827	931,024	11,810,327	9,147,705	2,078,799	1,759,972
1936	23,815,184	825,120	11,064,425	8,331,776	1,947,900	1,645,363

INDEX NUMBER

	January	February	March	April	May	June
						<u>TOTAL</u>
1935	193.95	189.22	191.48	193.80	194.12	193.14
1936	201.54	203.44	210.40	<u>223.02</u>	210.30	215.76
1937	223.35	225.22	237.66	239.32	232.28	<u>239.83</u>
<u>OUTPUT LESS EXPORTS 1/</u>						
1935	164.31	159.85	165.26	166.25	167.53	166.90
1936	172.69	173.92	173.51	177.51	176.07	181.29
1937	180.22	180.02	191.69	198.08	195.08	200.48

1/ Production plus provincial imports less provincial exports.

x Revised.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS<sup>2/</sup></u>					
77,740	1,949	41,380	23,073	5,844	5,494
78,887	1,865	41,762	24,052	5,690	5,518
73,658	1,999	39,595	22,742	5,357	3,965
1,550	756	11	1	763	19
1,601	824	12	1	759	5
1,366	586	11	1	735	33
79,290	2,705	41,391	23,074	6,607	5,513
80,488	2,689	41,774	24,053	6,449	5,523
75,024	2,585	39,606	22,743	6,092	3,998
75,548	2,594	39,205	23,229	5,646	4,874
69,657	2,295	35,808	21,734	5,273	4,547
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
	(3)			(4)	
669,451	6,891	519,203	84,458	58,356	543
630,424	2,962	494,629	85,523	46,761	549
680,960	4,086	538,576	85,254	52,546	498
7,306,805	42,460	5,786,682	1,000,753	470,777	6,133
6,942,841	47,357	5,325,970	1,130,139	434,131	5,244

(AVERAGE, 1926 = 100)

July	August	September	October	November	December
<u>OUTPUT</u>					
191.32	194.67	198.34	205.07	204.34	203.40
215.84	212.47	210.97	216.25	215.65	219.36
233.67	231.12	226.88	224.27	230.21	231.83
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
170.48	172.16	171.35	169.14	167.77	166.90
182.36	182.71	184.29	183.13	178.22	179.39
202.60	203.38	203.36	197.80	197.08	192.73

2/ No allowance is made for the effect of holidays, Sundays or Saturdays, etc.

3/ New Brunswick only.      4/ Manitoba only.



# OUTPUT OF CENTRAL ELECTRIC STATIONS

Month	1933	1934	1935	1936	1937
January	1,396,661	1,725,264	2,012,742	2,091,497	2,317,906
February	1,299,580	1,614,425	1,803,447	1,938,978	2,146,578
March	1,371,060	1,797,334	1,943,555	2,135,640	2,412,259
April	1,296,805	1,697,909	1,881,029	2,164,628	2,322,884
May	1,349,942	1,830,820	1,923,071	2,083,363	2,301,167
June	1,370,901	1,708,632	1,816,250	2,028,980	2,255,338
July	1,442,657	1,621,314	1,791,544	2,021,147	2,188,055
August	1,508,216	1,676,863	1,851,153	2,020,416	2,197,725
September	1,489,329	1,621,249	1,919,213	2,041,423	2,195,291
October	1,611,601	1,855,226	2,162,559	2,230,508	2,365,052
November	1,702,363	1,953,512	2,143,314	2,261,979	x2,414,675
December	1,707,836	2,052,940	2,156,525	2,325,733	2,457,996
TOTAL	17,563,001	21,159,530	23,404,412	25,394,292	27,574,926

## EXPORTS TO THE UNITED STATES

January	48,018	100,485	113,878	118,050	134,931
February	46,440	102,151	109,524	110,684	138,041
March	45,343	112,115	103,957	125,921	172,695
April	35,272	63,105	97,475	125,496	164,250
May	42,874	111,000	94,256	130,530	161,033
June	86,673	113,640	107,994	157,871	158,657
July	119,192	105,856	93,348	157,543	164,057
August	109,592	115,988	130,305	143,342	162,617
September	122,907	107,114	142,177	125,127	143,441
October	127,243	107,122	146,530	129,323	142,736
November	106,457	99,714	112,305	126,152	x145,549
December	99,655	110,508	112,838	128,070	159,093
TOTAL	989,364	1,248,798	1,364,587	1,578,109	1,847,100

## OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January	1,052,123	1,216,922	1,344,646	1,413,216	1,474,787
February	949,956	1,117,047	1,193,820	1,298,872	1,344,387
March	1,012,774	1,239,377	1,321,545	1,387,512	1,532,912
April	959,513	1,141,203	1,267,776	1,353,605	1,510,508
May	1,014,092	1,244,982	1,304,893	1,371,404	1,519,545
June	1,006,602	1,158,889	1,245,659	1,353,080	1,496,283
July	1,045,695	1,159,301	1,270,867	1,359,445	1,510,365
August	1,099,524	1,191,218	1,306,710	1,386,797	1,543,699
September	1,106,841	1,173,190	1,317,312	1,417,821	1,564,502
October	1,189,454	1,290,580	1,415,896	1,533,075	1,655,879
November	1,192,494	1,292,686	1,394,955	1,481,813	x1,638,703
December	1,193,359	1,348,205	1,411,097	1,516,702	1,629,452
TOTAL	12,822,427	14,513,600	15,795,176	16,873,342	18,421,022

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DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
OTTAWA

No. 1

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Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)  
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

JANUARY, 1938

The output of central electric stations for January was 2,279,298,000 kilowatt hours as compared with 2,317,906,000 kilowatt hours in January last year. This is the first time in over four years that the output for the same month in the previous year has not been exceeded; since April, 1933, nothing but increases has been recorded. The decrease, however, was all in secondary power for electric boilers which declined from 708,188,000 kilowatt hours in January, 1937, to 568,875,000, due undoubtedly to a slowing up in the paper mills; production of newsprint fell off about 23 per cent in January.

Exports to the United States increased from 134,931,000 kilowatt hours to 157,532,000 kilowatt hours and over 86 per cent of this increase was in surplus power.

The consumption of firm power dropped from 1,629,452,000 kilowatt hours in December to 1,552,891,000 kilowatt hours which was more than the seasonal decline and the index number dropped from 192.73 to 189.76, but it was 5.3 per cent above the January 1937 firm power consumption. Both Januarys contained five Sundays and five Saturdays so the outputs were for approximately the same productive periods.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>MONTHLY OUTPUTS</u>						
<u>Generated by Water Power</u>						
Jan., 1938	2,240,974	53,134	1,192,573	660,634	166,734	167,899
Dec., 1937	2,409,935	60,432	1,282,770	715,242	181,165	170,326
Jan., 1937	2,276,386	66,419	1,206,407	722,502	171,701	109,357
<u>Generated by Fuel</u>						
Jan., 1938	38,324	15,244	338	60	22,425	257
Dec., 1937	48,061	23,427	355	42	23,651	586
Jan., 1937	41,520	17,407	325	24	22,295	1,469
<u>Total Output</u>						
Jan., 1938	2,279,298	68,378	1,192,911	660,694	189,159	168,156
Dec., 1937	2,457,996	83,859	1,283,125	715,284	204,816	170,912
Jan., 1937	2,317,906	83,826	1,206,732	722,526	193,996	110,826
<u>PROVINCIAL CONSUMPTIONS 1/</u>						
Jan., 1938	2,121,766	66,833	928,096	769,637	190,563	166,637
Dec., 1937	2,298,903	82,267	1,032,743	808,288	206,381	169,224
Jan., 1937	2,182,975	81,959	1,029,923	766,342	195,683	109,068

INDEX NUMBERS

	January	February	March	April	May	June
						<u>TOTAL</u>
1936	201.54	x 196.42	210.40	<u>223.02</u>	210.30	215.76
1937	223.35	225.22	237.66	239.32	232.28	<u>239.83</u>
1938	219.63					
<u>OUTPUT LESS EXPORTS AND</u>						
1936	172.69	x 167.92	173.51	177.51	176.07	181.29
1937	180.22	180.02	191.69	198.08	195.08	200.48
1938	189.76					

1/ Production plus provincial imports less provincial exports.

x Revised.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS<sup>2/</sup></u>					
72,289	1,714	38,470	21,311	5,378	5,416
77,740	1,949	41,380	23,073	5,844	5,494
73,432	2,142	38,916	23,307	5,539	3,528
1,236	492	11	2	723	8
1,550	756	11	1	763	19
1,339	562	10	1	719	47
73,525	2,206	38,481	21,313	6,101	5,424
79,290	2,705	41,391	23,074	6,607	5,513
74,771	2,704	38,926	23,308	6,258	3,575
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
568,875	(3) 2,617	431,313	83,317	(4) 51,180	448
669,451	6,891	519,203	84,458	58,356	543
708,188	6,335	557,107	89,496	54,740	510

(AVERAGE, 1926 = 100)

July	August	September	October	November	December
<u>OUTPUT</u>					
215.84	212.47	210.97	216.25	215.65	219.36
233.67	231.12	x 227.81	224.27	230.21	231.83
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
182.36	182.71	184.29	183.13	178.22	179.39
202.60	203.38	x 204.53	197.80	x 196.34	192.73

2/ No allowance is made for the effect of holidays, Sundays or Saturdays, etc.  
3/ New Brunswick only. 4/ Manitoba only.



# OUTPUT OF CENTRAL ELECTRIC STATIONS

Month	1934	1935	1936	1937	1938
January	1,725,264	2,012,742	2,091,497	2,317,906	2,279,298
February	1,614,425	1,803,447	1,938,978	2,146,578	
March	1,797,334	1,943,555	2,135,640	2,412,259	
April	1,697,909	1,881,029	2,164,628	2,322,884	
May	1,830,820	1,923,071	2,083,363	2,301,167	
June	1,708,632	1,816,250	2,028,980	2,255,338	
July	1,621,314	1,791,544	2,021,147	2,188,055	
August	1,676,865	1,851,153	2,020,416	2,197,725	
September	1,627,289	1,919,213	2,041,423	x2,204,291	
October	1,853,226	<u>2,162,569</u>	2,280,508	2,365,052	
November	1,953,512	2,143,314	2,261,979	x2,414,676	
December	<u>2,052,940</u>	2,156,525	<u>2,325,733</u>	<u>2,457,996</u>	
TOTAL	21,159,530	23,404,412	25,394,292	x27,583,927	

## EXPORTS TO THE UNITED STATES

January	100,485	113,878	118,050	134,931	157,532
February	102,151	109,524	110,684	138,041	
March	112,115	103,957	125,921	<u>172,695</u>	
April	63,105	97,475	125,496	164,250	
May	111,000	94,256	130,530	161,033	
June	113,640	107,994	<u>157,871</u>	158,657	
July	105,856	93,348	157,543	164,057	
August	<u>115,988</u>	130,305	143,342	162,617	
September	107,114	142,177	125,127	143,441	
October	107,122	<u>146,530</u>	129,323	142,736	
November	99,714	112,305	126,152	145,549	
December	110,508	112,838	128,070	159,093	
TOTAL	1,248,798	1,364,587	1,578,109	1,847,100	

## OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January	1,216,922	1,344,646	1,413,216	1,474,787	1,552,891
February	1,117,047	1,193,820	1,298,872	1,344,387	
March	1,239,377	1,321,545	1,387,512	1,532,912	
April	1,141,203	1,267,776	1,353,605	1,510,508	
May	1,244,982	1,304,893	1,371,404	1,519,545	
June	1,158,889	1,245,659	1,353,080	1,496,283	
July	1,159,301	1,270,867	1,359,445	1,510,365	
August	1,191,218	1,306,710	1,386,797	1,543,699	
September	1,173,190	1,317,312	1,417,821	x1,573,502	
October	1,290,580	<u>1,415,896</u>	<u>1,533,075</u>	<u>1,655,879</u>	
November	1,292,686	1,394,955	1,481,813	x1,632,494	
December	<u>1,348,205</u>	1,411,097	1,516,702	1,629,452	
TOTAL	14,573,600	15,795,176	16,873,342	x18,423,813	

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DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
OTTAWA

No. 2

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)  
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

FEBRUARY, 1938

Deliveries of secondary power to electric boilers during February declined from 664,150,000 kilowatt hours in 1937 to 513,451,000 kilowatt hours, or by 23 per cent. Exports to the United States also declined from 138,041,000 kilowatt hours to 123,095,000 kilowatt hours, or by 11 per cent. This decrease in exports was practically all in off-peak and surplus power. These decreases reduced the total output from 2,146,578,000 kilowatt hours in February 1937 to 2,057,604,000 kilowatt hours, or by 4.1 per cent, and the index number dropped from 225.22 for February, 1937, and 219.73 for January, 1938, to 215.38.

The consumption of firm power, however, rose from 1,344,387,000 kilowatt hours in February last year to 1,421,059,000 kilowatt hours, or by 5.7 per cent, and the index number, adjusted for seasonal variations, rose from 180.02 for February, 1937, and 189.89 for January, 1938, to 190.28.

The pulp and paper mills show a reduction in production of around 26 per cent in February. These mills take about two thirds of the secondary power delivered by central electric stations for electric boilers and around 25 to 30 per cent of the firm power. It is quite probable these mills reduced their consumption of electric energy by around 26 per cent and, if they did, the consumption of firm power by other industries and for lighting and residential uses increased by 11 to 12 per cent over the February, 1937, consumption.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>MONTHLY OUTPUTS</u>						
<u>Generated by Water Power</u>						
Feb., 1938	2,020,791	52,434	1,098,003	572,810	149,448	148,096
Jan., 1938	x2,242,029	53,134	x1,193,628	660,634	166,734	167,899
Feb., 1937	2,108,138	54,656	1,131,109	671,594	149,058	101,771
<u>Generated by Fuel</u>						
Feb., 1938	36,813	15,958	301	47	19,656	851
Jan., 1938	38,324	15,244	338	60	22,425	257
Feb., 1937	38,390	17,551	285	18	19,293	1,243
<u>Total Output</u>						
Feb., 1938	2,057,604	68,392	1,098,304	572,857	169,104	148,947
Jan., 1938	x2,280,353	68,378	x1,193,966	660,694	189,159	168,156
Feb., 1937	2,146,578	72,207	1,131,394	671,612	168,351	103,014
<u>Total to Date</u>						
1938	4,337,957	136,770	2,292,270	1,233,551	358,263	317,103
1937	4,464,484	156,033	2,362,289	1,370,075	362,347	213,840
<u>PROVINCIAL CONSUMPTIONS 1/</u>						
Feb., 1938	1,934,509	67,198	862,704	686,658	170,559	147,390
Jan., 1938	x2,122,821	66,833	x929,151	769,637	190,563	166,637
Feb., 1937	2,008,537	70,653	965,478	701,132	169,854	101,420
<u>Total to Date</u>						
1938	4,057,330	134,031	1,791,855	1,456,295	361,122	314,027
1937	4,191,512	152,612	1,995,401	1,467,474	365,537	210,488

INDEX NUMBERS

	January	February	March	April	May	June
						<u>TOTAL</u>
1936	201.54	196.42	210.40	223.02	210.30	215.76
1937	223.35	225.22	237.66	239.32	232.28	239.83
1938	x219.73	215.88				
<u>OUTPUT LESS EXPORTS AND</u>						
1936	172.69	167.92	173.51	177.51	176.07	181.29
1937	180.22	180.02	191.69	198.08	195.08	200.48
1938	x189.89	190.28				

1/ Production plus provincial imports less provincial exports.

x Revised.



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS 2/</u>					
72,171 x72,323 75,292	1,873 1,714 1,952	39,214 x38,504 40,396	20,457 21,311 23,986	5,338 5,378 5,323	5,289 5,416 3,635
1,315 1,236 1,371	570 492 627	11 11 10	2 2 1	702 723 689	30 8 44
73,486 x73,559 76,663	2,443 2,206 2,579	39,225 x38,515 40,406	20,459 21,313 23,987	6,040 6,101 6,012	5,319 5,424 3,679
73,525 75,669	2,318 2,645	38,852 40,038	20,908 23,220	6,072 6,142	5,375 3,624
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
513,451 568,875 664,150	(3) 4,503 2,617 3,477	332,936 431,313 529,932	80,241 83,317 81,679	(4) 45,385 51,180 48,585	386 448 477
1,082,326 1,372,338	7,120 9,812	814,249 1,087,039	163,558 171,175	96,565 103,325	834 987

(AVERAGE, 1926 = 100)

	July	August	September	October	November	December
<u>OUTPUT</u>						
	215.34	212.47	210.97	216.25	215.65	219.36
	233.67	231.12	227.81	224.27	230.21	231.83
<u>DELIVERIES TO ELECTRIC BOILERS</u>						
	182.36	182.71	<u>184.29</u>	183.13	178.22	179.39
	202.60	<u>203.38</u>	204.53	197.80	196.34	192.73

2/ No allowance is made for the effect of holidays. Sundays or Saturdays, etc.

3/ New Brunswick only.

4/ Manitoba only.

# OUTPUT OF CENTRAL ELECTRIC STATIONS

Month	1934	1935	1936	1937	1938
January	1,725,264	2,012,742	2,091,497	2,317,906	x2,280,353
February	1,614,425	1,803,447	1,938,978	2,146,578	2,057,604
Sub Total	3,339,689	3,816,189	4,030,475	4,464,484	4,337,957
March	1,797,334	1,943,555	2,135,640	2,412,259	
April	1,697,909	1,881,029	2,164,628	2,322,884	
May	1,830,820	1,923,071	2,083,363	2,301,167	
June	1,708,632	1,816,250	2,028,980	2,255,338	
July	1,621,314	1,791,544	2,021,147	2,188,055	
August	1,676,865	1,851,153	2,020,416	2,197,725	
September	1,627,289	1,919,213	2,041,423	2,204,291	
October	1,853,226	2,162,569	2,280,508	2,365,052	
November	1,953,512	2,143,314	2,261,979	2,414,676	
December	2,052,940	2,156,525	2,325,733	2,457,996	
TOTAL	21,159,530	23,404,412	25,394,292	27,583,927	

## EXPORTS TO THE UNITED STATES

January	100,485	113,878	118,050	134,931	157,532
February	102,151	109,524	110,684	138,041	123,095
Sub Total	202,636	223,402	228,734	272,972	280,637
March	112,115	103,957	125,921	172,695	
April	63,105	97,475	125,496	164,250	
May	111,000	94,256	130,530	161,033	
June	113,640	107,994	157,871	158,657	
July	105,856	93,348	157,543	164,057	
August	115,988	130,305	143,342	162,617	
September	107,114	142,177	125,127	143,441	
October	107,122	146,530	129,323	142,736	
November	99,714	112,305	126,152	145,549	
December	110,508	112,838	128,070	159,093	
TOTAL	1,248,798	1,364,587	1,578,109	1,847,100	

## OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January	1,216,922	1,344,646	1,413,216	1,474,787	x1,553,946
February	1,117,047	1,193,820	1,298,872	1,344,337	1,421,059
Sub Total	2,333,969	2,538,466	2,712,088	2,819,174	2,975,005
March	1,239,377	1,321,545	1,387,512	1,532,912	
April	1,141,203	1,267,776	1,353,605	1,510,508	
May	1,244,982	1,304,893	1,371,404	1,519,545	
June	1,158,889	1,245,659	1,353,080	1,496,283	
July	1,159,301	1,270,867	1,359,445	1,510,365	
August	1,191,218	1,306,710	1,386,797	1,543,699	
September	1,173,190	1,317,312	1,417,821	1,573,502	
October	1,290,580	1,415,896	1,533,075	1,655,879	
November	1,292,686	1,394,955	1,481,813	1,632,494	
December	1,348,205	1,411,097	1,516,702	1,629,452	
TOTAL	14,573,600	15,795,176	16,873,342	18,423,813	

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Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
OTTAWA

No. 3

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)  
Chief, Transportation and Public Utilities Branch, G.S. Wrong B.Sc.

OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

MARCH, 1938

Central electric stations produced 2,257,880,000 kilowatt hours during March, as against 2,412,259,000 kilowatt hours last year. This was a decrease of 154,379,000 kilowatt hours, or 6.4 per cent, but the deliveries of secondary power to electric boilers declined by 168,242,000 kilowatt hours and exports to the United States declined by 28,605,000 kilowatt hours, 84 per cent of which was off-peak power. Consequently the consumption of firm power in Canada increased by 42,469,000 kilowatt hours, or 2.8 per cent, and the index number rose to 197.00 from 191.69 for March, 1937, and 191.82 for February, 1938.

Compared with last year deliveries of secondary power to electric boilers declined from 706,651,000 kilowatt hours to 538,409,000 kilowatt hours, each of the five geographical divisions showing decreases.

Exports to the United States amounted to 144,090,000 kilowatt hours, of which 29,824,000 kilowatt hours were off-peak power, as against total exports of 172,695,000 kilowatt hours for March, 1937. On a daily basis exports were 3 per cent below February exports.



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>MONTHLY OUTPUTS</u>						
<u>Generated by Water Power</u>						
March, 1938	2,221,460	54,660	1,224,324	627,672	152,795	162,000
Feb., 1938	x 2,020,785	52,434	1,098,003	x572,804	149,448	148,090
March, 1937	2,372,071	59,967	1,249,212	773,731	156,865	132,296
<u>Generated by Fuel</u>						
March, 1938	36,420	15,847	318	30	20,092	13,143
Feb., 1938	36,813	15,958	301	47	19,656	85,143
March, 1937	40,188	18,693	304	16	19,601	1,574
<u>Total Output</u>						
March, 1938	2,257,880	70,507	1,224,642	627,702	172,887	162,143
Feb., 1938	x 2,057,598	68,392	1,098,304	x572,851	169,104	148,940
March, 1937	2,412,259	78,660	1,249,516	773,747	176,466	133,870
<u>Total to Date</u>						
1938	6,595,831	207,277	3,516,912	1,861,247	531,150	479,243
1937	6,876,743	234,693	3,587,642	2,167,885	538,813	347,710
<u>PROVINCIAL CONSUMPTIONS 1/</u>						
March, 1938	2,113,790	68,937	966,197	743,722	174,293	160,641
Feb., 1938	x 1,934,504	67,198	862,704	x 686,653	170,559	147,390
March, 1937	2,239,564	77,175	1,058,899	793,243	178,077	132,170
<u>Total to Date</u>						
1938	6,171,115	202,968	2,758,052	2,200,012	535,415	474,668
1937	6,431,076	229,787	3,054,300	2,260,717	543,614	342,658

INDEX NUMBERS

	January	February	March	April	May	June
						<u>TOTAL</u>
1936	201.54	196.42	210.40	223.02	210.30	215.76
1937	223.35	225.22	237.66	239.32	232.28	239.83
1938	219.73	215.88	222.45			
<u>OUTPUT LESS EXPORTS AND</u>						
1936	172.69	167.92	173.51	177.51	176.07	181.29
1937	180.22	180.02	191.69	198.08	195.08	200.48
1938	189.89	x191.82	197.00			

1/ Production plus provincial imports less provincial exports.  
x Revised.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS 2/</u>					
71,660	1,763	39,494	20,248	4,929	5,226
72,171	1,873	39,214	20,457	5,338	5,289
76,518	1,934	40,297	24,959	5,060	4,268
1,174	511	10	1	648	4
1,315	570	11	2	702	30
1,296	603	10	1	632	50
72,834	2,274	39,504	20,249	5,577	5,230
73,486	2,443	39,225	20,459	6,040	5,319
77,814	2,537	40,307	24,960	5,692	4,318
73,287	2,303	39,077	20,680	5,902	5,325
76,408	2,608	39,863	24,087	5,987	3,863
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
538,409	(3) 3,042	410,818	81,795	(4) 42,437	317
x 501,964	4,503	x371,449	80,241	45,385	386
706,651	4,492	554,903	100,972	45,737	547
1,609,248	10,162	1,213,580	245,353	139,002	1,151
2,078,989	14,304	1,641,942	272,147	149,062	1,534

(AVERAGE, 1926 = 100)

July	August	September	October	November	December
<u>OUTPUT</u>					
215.84	212.47	210.97	216.25	215.65	219.36
233.67	231.12	227.81	224.27	230.21	231.83
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
182.36	182.71	184.29	183.13	178.22	179.39
202.60	203.38	204.53	197.80	196.34	192.73

2/ No allowance is made for the effect of holidays, Sundays or Saturdays, etc.

3/ New Brunswick only.      4/ Manitoba only.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1934	1935	1936	1937	1938
January	1,725,264	2,012,742	2,091,497	2,317,906	2,280,353
February	1,614,425	1,803,447	1,938,978	2,146,578	x2,057,598
March	1,797,334	2,943,555	2,135,640	2,412,259	2,257,880
Sub Total	5,137,023	5,759,744	6,166,115	6,876,743	6,595,831
April	1,697,909	1,881,029	2,164,628	2,322,884	
May	1,830,820	1,923,000	2,083,363	2,301,167	
June	1,708,632	1,816,260	2,028,980	2,255,338	
July	1,621,314	1,791,544	2,021,147	2,188,055	
August	1,666,800	1,851,153	2,020,412	2,197,725	
September	1,622,289	1,919,273	2,041,423	2,204,291	
October	1,853,222	2,162,569	2,280,508	2,365,052	
November	1,953,512	2,143,314	2,261,979	2,414,676	
December	2,052,940	2,166,522	2,325,733	2,457,996	
TOTAL	21,159,530	23,404,112	25,394,292	27,583,927	

EXPORTS TO THE UNITED STATES

January	100,483	113,878	118,050	134,931	157,532
February	102,151	109,524	110,684	138,041	x 123,094
March	112,112	103,950	125,921	172,695	144,090
Sub Total	314,746	327,352	354,655	445,667	424,716
April	63,105	97,475	125,496	164,250	
May	111,000	94,256	130,530	161,033	
June	113,640	107,994	157,871	158,657	
July	105,856	93,348	157,543	164,057	
August	115,988	130,305	143,342	162,617	
September	107,114	142,177	125,127	143,441	
October	107,122	145,530	129,323	142,736	
November	99,714	112,305	126,152	145,549	
December	110,508	112,838	128,070	159,093	
TOTAL	1,248,798	1,364,580	1,513,109	1,847,100	

OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January	1,216,922	1,344,645	1,413,216	1,474,787	1,553,946
February	1,117,047	1,193,820	1,298,872	1,344,387	x1,432,540
March	1,239,311	1,321,345	1,380,512	1,532,912	1,575,381
Sub Total	3,573,346	3,860,011	4,099,600	4,352,086	4,561,867
April	1,141,203	1,267,776	1,353,605	1,510,508	
May	1,244,982	1,304,893	1,371,404	1,519,545	
June	1,158,889	1,245,659	1,353,080	1,496,283	
July	1,159,301	1,270,867	1,359,445	1,510,365	
August	1,191,218	1,306,710	1,386,797	1,543,699	
September	1,173,190	1,317,312	1,417,821	1,573,502	
October	1,290,580	1,415,896	1,533,075	1,655,879	
November	1,292,686	1,394,955	1,481,813	1,632,494	
December	1,348,205	1,411,097	1,516,702	1,629,452	
TOTAL	14,513,500	15,725,176	16,873,342	18,423,813	

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DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
OTTAWA

No. 4

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)  
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

APRIL, 1938

The output of central electric stations for April dropped from 2,322,884,000 kilowatt hours last year to 2,063,961,000 kilowatt hours and the index number declined from 239.32 for April, 1937, and 196.22 for March, 1938, to 193.74.

Exports to the United States amounted to 135,616,000 kilowatt hours, as against 164,250,000 kilowatt hours in April last year and 144,091,000 kilowatt hours in March. Over half of this decrease from last year was in off peak power exports which dropped from 45,750,000 kilowatt hours to 30,339,000 kilowatt hours.

Deliveries of secondary power to boilers dropped from 648,127,000 kilowatt hours in April last year and 544,966,000 kilowatt hours in March to 450,968,000 kilowatt hours.

The consumption of firm power in Canada was 1,477,377,000 kilowatt hours which was a decrease from last year's of 33,131,000 kilowatt hours, or 2.2 per cent, and the index number dropped from 198.08 for April, 1937, and 196.22 for March, 1938, to 193.74. This is the first month since April, 1933, that the consumption of firm power has not been greater than for the corresponding month of the previous year.

21/5/38

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>MONTHLY OUTPUTS</u>						
<u>Generated by Water Power</u>						
April, 1938	2,030,477	52,908	1,077,792	593,366	149,548	156,863
March, 1938	x 2,221,777	54,660	x 1,224,640	627,672	152,795	x 162,010
April, 1937	2,285,834	58,157	1,180,615	748,169	149,987	148,906
<u>Generated by Fuel</u>						
April, 1938	33,484	14,759	315	34	18,259	117
March, 1938	36,420	15,847	318	30	20,092	133
April, 1937	37,050	18,411	294	15	18,128	202
<u>Total Output</u>						
April, 1938	2,063,961	67,667	1,078,107	593,400	167,807	156,980
March, 1938	x 2,258,197	70,507	x 1,224,958	627,702	172,887	x 162,143
April, 1937	2,322,884	76,568	1,180,909	748,184	168,115	149,108
<u>Total to Date</u>						
1938	8,660,109	274,944	4,595,335	2,454,647	698,957	636,226
1937	9,199,627	311,261	4,865,901	2,818,719	706,928	496,818
<u>PROVINCIAL CONSUMPTIONS 1/</u>						
April, 1938	1,928,345	66,248	847,581	689,822	169,193	155,501
March, 1938	x 2,114,106	68,937	x 966,513	743,722	174,293	160,641
April, 1937	2,158,635	75,211	1,000,967	765,318	169,466	147,633
<u>Total to Date</u>						
1938	8,099,776	269,216	3,605,949	2,889,834	704,608	630,169
1937	8,589,711	304,998	4,055,267	3,026,035	713,080	490,331

INDEX NUMBERS

	January	February	March	April	May	June
						TOTAL
1936	201.54	196.42	210.40	223.02	210.30	215.76
1937	223.35	225.22	237.66	239.32	232.28	239.83
1938	219.73	215.88	x 222.48	212.65		
<u>OUTPUT LESS EXPORTS AND</u>						
1938	172.69	167.92	173.51	177.51	176.01	181.29
1937	180.22	180.02	191.69	198.08	195.08	200.48
1936	189.89	191.82	x 196.22	193.74		

1/ Production plus provincial imports less provincial exports

x Revised.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS 2/</u>					
67,683 x 71,670 76,194	1,764 1,763 1,939	35,926 x 39,504 39,353	19,779 20,248 24,939	4,985 4,929 5,000	5,229 5,226 4,963
1,176 1,174 1,235	492 511 614	10 10 10	1 1 1	609 648 604	4 4 6
68,799 x 72,844 77,429	2,256 2,274 2,553	35,936 x 39,514 39,363	19,780 20,249 24,940	5,594 5,577 5,604	5,233 5,230 4,969
72,167 76,663	2,291 2,594	38,294 40,549	20,455 23,489	5,825 5,891	5,302 4,140
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
450,968 x 544,966 648,127	(3) 5,066 3,042 3,462	327,898 x 417,375 510,741	77,372 81,795 90,893	(4) 40,336 42,437 42,475	245 377 526
2,066,773 2,727,116	15,228 17,766	1,548,035 2,152,683	322,725 363,040	179,338 191,537	144 2,090

AVERAGE, 1926 - 100)

July	August	September	October	November	December
<u>OUTPUT</u>					
215.84 233.5	212.47 231.12	210.97 227.81	216.25 224.2	215.55 230.21	219.36 231.83
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
182.36 202.60	182.71 203.38	184.29 204.53	183.13 197.80	178.22 196.34	179.39 192.13

- 2/ No allowance is made for the effect of holidays, Sundays or Saturdays, etc.  
 3/ New Brunswick only.  
 4/ Manitoba only.



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1934	1935	1936	1937	1938
January	1,725,264	2,012,742	2,091,497	2,317,906	2,280,353
February	1,614,425	1,803,447	1,938,978	2,146,578	2,057,598
March	1,797,334	1,943,555	2,135,640	2,412,259	x 2,258,197
April	1,697,909	1,881,029	2,164,628	2,322,884	2,063,961
Sub Total	6,834,932	7,640,773	8,330,743	9,199,627	8,660,109
May	1,830,820	1,923,071	2,083,363	2,301,167	
June	1,708,632	1,816,250	2,028,980	2,255,338	
July	1,621,314	1,791,544	2,021,147	2,188,055	
August	1,676,865	1,851,153	2,020,416	2,197,725	
September	1,627,289	1,919,213	2,041,423	2,204,291	
October	1,853,226	2,162,569	2,280,508	2,365,052	
November	1,953,512	2,143,314	2,261,979	2,414,676	
December	2,052,940	2,156,525	2,325,733	2,457,996	
TOTAL	21,159,530	23,404,412	25,394,292	27,583,927	

EXPORTS TO THE UNITED STATES

January	100,485	113,878	118,050	134,931	157,532
February	102,151	109,524	110,684	138,041	123,094
March	112,115	103,957	125,921	172,695	x 144,091
April	63,105	97,475	125,496	164,250	135,616
Sub Total	377,856	424,834	480,151	609,917	560,333
May	111,000	94,256	130,530	161,033	
June	113,640	107,994	157,871	158,657	
July	105,856	93,348	157,543	164,057	
August	115,988	130,305	143,342	162,617	
September	107,114	142,177	125,127	143,441	
October	107,122	146,530	129,323	142,736	
November	99,714	112,305	126,152	145,549	
December	110,508	112,838	128,070	159,093	
TOTAL	1,248,798	1,364,587	1,578,109	1,847,100	

OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January	1,216,922	1,344,646	1,413,216	1,474,787	1,553,946
February	1,117,047	1,193,820	1,298,872	1,344,387	1,432,541
March	1,239,377	1,321,545	1,387,512	1,532,912	x 1,569,139
April	1,141,203	1,267,776	1,353,605	1,510,508	1,477,377
Sub Total	4,714,549	5,127,787	5,453,205	5,862,594	6,033,003
May	1,244,982	1,304,893	1,371,404	1,519,545	
June	1,158,889	1,245,659	1,353,080	1,496,283	
July	1,159,301	1,270,867	1,359,445	1,510,365	
August	1,191,218	1,306,710	1,386,797	1,543,699	
September	1,173,190	1,317,312	1,417,821	1,573,502	
October	1,290,580	1,415,896	1,533,075	1,655,879	
November	1,292,686	1,394,955	1,481,813	1,632,494	
December	1,348,205	1,411,097	1,516,702	1,629,452	
TOTAL	14,573,600	15,795,176	16,873,342	18,423,813	

x - Revised.

DEPT. OF POLITICAL SCIENCE  
UNIVERSITY OF TORONTO

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Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
OTTAWA

No. 5

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Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)  
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

MAY, 1938

The output of central electric stations during May was 2,081,935,000 kilowatt hours, which was 9.5 per cent below the May, 1937, output and slightly less than the May, 1936, output. A reduction in the requirements of the pulp and paper mills was the main factor in the decreases and the deliveries of secondary power to electric boilers, the majority of which are in pulp and paper mills, declined from 620,589,000 kilowatt hours in May, 1937, and 581,429,000 kilowatt hours in May, 1936, to 423,902,000 kilowatt hours. This item accounted for 90 per cent of the decrease from last year.

Exports to the United States amounted to 155,292,000 kilowatt hours, as against 161,033,000 kilowatt hours last year and 130,530,000 kilowatt hours in 1936.

Consumption of firm power at 1,502,741,000 kilowatt hours was only 1.1 per cent below the May, 1937, consumption and the index number declined from 193.72 for April, 1938, and 195.08 for May, 1937, to 192.93.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>MONTHLY OUTPUTS</u>						
<u>Generated by Water Power</u>						
May, 1938	2,049,185	54,537	1,063,386	617,048	150,304	163,890
April, 1938	2,030,477	52,908	1,077,792	593,366	149,548	156,863
May, 1937	2,263,371	56,881	1,164,740	744,340	146,671	150,739
<u>Generated by Fuel</u>						
May, 1938	32,770	13,922	308	24	18,399	117
April, 1938	x 33,324	x 14,599	315	34	18,259	117
May, 1937	37,796	19,749	301	15	17,625	106
<u>Total Output</u>						
May, 1938	2,081,935	68,459	1,063,694	617,072	168,703	164,007
April, 1938	x 2,063,801	x 67,507	1,078,107	593,400	167,807	156,980
May, 1937	2,301,167	76,630	1,165,041	744,355	164,296	150,845
<u>Total to Date</u>						
1938	10,741,884	343,243	5,659,029	3,071,719	867,660	800,233
1937	11,500,794	387,891	5,933,592	3,660,424	871,224	647,663
<u>PROVINCIAL CONSUMPTIONS 1/</u>						
May, 1938	1,926,643	67,150	835,803	691,076	170,251	162,363
April, 1938	1,928,345	66,248	847,581	689,822	169,193	155,501
May, 1937	2,140,134	75,671	990,226	759,166	165,698	149,373
<u>Total to Date</u>						
1938	10,026,419	336,366	4,441,752	3,580,910	874,359	792,532
1937	10,729,845	380,669	5,045,493	3,785,201	878,778	639,704

INDEX NUMBERS

	January	February	March	April	May	June
						<u>TOTAL</u>
1936	201.54	196.42	210.40	223.02	210.30	215.76
1937	223.35	225.22	237.66	239.32	232.28	239.83
1938	219.73	215.88	222.48	x 212.63	210.15	
<u>OUTPUT LESS EXPORTS AND</u>						
1936	172.69	167.92	173.51	177.51	176.07	181.29
1937	180.22	180.02	191.69	198.08	195.08	200.48
1938	189.89	191.82	196.22	x 193.72	192.93	

1/ Production plus provincial imports less provincial exports.

x Revised.



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS</u> 2/					
66,102	1,759	34,303	19,905	4,848	5,287
67,683	1,764	35,926	19,779	4,985	5,229
73,012	1,835	37,572	24,011	4,731	4,863
1,057	449	10	1	593	4
x 1,111	x 487	10	1	609	4
1,219	637	10	1	568	3
67,159	2,208	34,313	19,906	5,441	5,291
x 68,794	x 2,251	35,936	19,780	5,594	5,233
74,231	2,472	37,582	24,012	5,299	4,866
71,138	2,273	37,477	20,342	5,746	5,300
76,164	2,569	39,295	24,241	5,770	4,289
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
	(3)			(4)	
423,902	8,914	310,965	69,137	34,604	282
450,968	5,066	327,898	77,372	40,336	296
620,589	1,663	493,737	88,525	36,187	477
2,490,675	24,142	1,859,000	391,862	213,942	1,729
3,347,705	19,429	2,646,420	451,565	227,724	2,567

AVERAGE, 1926 = 100)

July	August	September	October	November	December
<u>OUTPUT</u>					
215.84	212.47	210.97	216.25	215.55	219.36
233.67	231.12	227.81	224.27	230.21	231.83
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
182.36	182.71	184.29	183.13	178.22	179.39
202.60	203.38	204.53	197.80	196.34	192.73

2/ No allowance is made for the effect of holidays, Sundays or Saturdays, etc.  
3/ New Brunswick only. 4/ Manitoba only.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1934	1935	1936	1937	1938
January	1,725,264	2,012,742	2,091,497	2,317,906	2,280,353
February	1,614,425	1,803,447	1,938,978	2,146,578	2,057,598
March	1,797,334	1,943,555	2,135,640	2,412,259	2,258,197
April	1,697,909	1,881,029	2,164,628	2,322,884	x 2,063,801
May	1,830,820	1,923,071	2,033,363	2,301,167	2,081,935
Sub Total	8,665,752	9,563,844	10,414,106	11,500,794	10,741,884
June	1,708,632	1,816,250	2,028,980	2,255,338	
July	1,621,314	1,791,544	2,021,147	2,188,055	
August	1,676,865	1,851,153	2,020,416	2,197,725	
September	1,627,289	1,919,213	2,041,423	2,204,291	
October	1,853,226	2,162,569	2,280,508	2,365,052	
November	1,953,512	2,143,314	2,261,979	2,414,676	
December	2,052,940	2,156,525	2,325,733	2,457,996	
TOTAL	21,159,530	23,404,412	25,394,292	27,583,927	

EXPORTS TO THE UNITED STATES

January	100,485	113,878	118,050	134,931	157,532
February	102,151	109,524	110,684	138,041	123,094
March	112,115	103,957	125,921	172,695	144,091
April	63,105	97,475	125,496	164,250	135,616
May	111,000	94,256	130,530	161,033	155,292
Sub Total	488,856	519,090	610,681	770,950	715,625
June	113,640	107,994	157,871	158,657	
July	105,856	93,348	157,543	164,057	
August	115,988	130,305	143,342	162,617	
September	107,114	142,177	125,127	143,441	
October	107,122	146,530	129,323	142,736	
November	99,714	112,305	126,152	145,549	
December	110,508	112,838	128,070	159,093	
TOTAL	1,248,798	1,364,587	1,578,109	1,847,100	

OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January	1,216,922	1,344,646	1,413,216	1,474,787	1,553,946
February	1,117,047	1,193,820	1,298,872	1,344,387	1,432,541
March	1,239,377	1,321,545	1,387,512	1,532,912	1,569,139
April	1,141,203	1,267,776	1,353,605	1,510,508	x 1,477,217
May	1,244,982	1,304,893	1,371,404	1,519,545	1,502,741
Sub Total	5,959,531	6,432,680	6,824,609	7,381,139	7,535,584
June	1,158,889	1,245,659	1,353,080	1,496,283	
July	1,159,301	1,270,867	1,359,445	1,510,365	
August	1,191,218	1,306,710	1,386,797	1,543,699	
September	1,173,190	1,317,312	1,417,821	1,573,502	
October	1,290,580	1,415,896	1,533,075	1,655,879	
November	1,292,686	1,394,955	1,481,813	1,632,494	
December	1,348,205	1,411,097	1,516,702	1,629,452	
TOTAL	14,573,600	15,795,176	16,873,342	18,423,813	

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DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
OTTAWA

No. 6

Dominion Statistician, R. H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)  
Chief, Transportation and Public Utilities Branch, G. S. Wrong, B.Sc.

OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

JUNE, 1938

Central electric stations produced 1,973,155,000 kilowatt hours during June, as against 2,255,338,000 kilowatt hours in June last year. The index number, adjusted for seasonal variations, has declined each of the past three months from 222.48 for March to 209.82 for June, but the index number for consumption of firm power in Canada has shown little variation, dropping from 196.22 for March to 193.72 for April and to 192.93 for May and rising to 195.35 for June. This was only 5.13 points below the index number for June last year despite the large decline in the pulp and paper industry which takes large blocks of firm power.

Exports to the United States amounted to 158,314,000 kilowatt hours, or 343,000 kilowatt hours less than in 1937, and deliveries of secondary power to electric boilers dropped from 600,398,000 kilowatt hours last year to 356,864,000 kilowatt hours.

22/7/38



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>MONTHLY OUTPUTS</u>						
<u>Generated by Water Power</u>						
June, 1938	1,939,562	59,274	1,018,653	585,107	128,218	148,310
May, 1938	2,049,165	54,537	1,063,386	617,048	150,304	163,890
June, 1937	2,216,119	57,721	1,145,375	730,536	128,335	154,152
<u>Generated by Fuel</u>						
June, 1938	33,593	14,803	308	22	18,345	115
May, 1938	32,770	13,922	308	24	18,399	117
June, 1937	39,219	21,040	296	23	17,755	105
<u>Total Output</u>						
June, 1938	1,973,155	74,077	1,018,961	585,129	146,563	148,425
May, 1938	2,081,935	68,459	1,063,694	617,072	168,703	164,007
June, 1937	2,255,338	78,761	1,145,671	730,559	146,090	154,257
<u>Total to Date</u>						
1938	12,715,039	417,320	6,677,990	3,656,848	1,014,223	948,658
1937	13,756,132	466,652	7,244,877	4,225,469	1,017,314	801,920
<u>PROVINCIAL CONSUMPTIONS 1/</u>						
June, 1938	1,814,841	72,917	789,703	657,336	148,136	146,749
May, 1938	1,926,643	67,150	835,803	691,076	170,251	162,363
June, 1937	2,096,681	77,919	980,495	738,012	147,549	152,706
<u>Total to Date</u>						
1938	11,841,260	409,283	5,231,455	4,238,246	1,022,995	939,281
1937	12,826,526	458,588	6,025,988	4,523,213	1,026,327	792,410

INDEX NUMBERS

	January	February	March	April	May	June
						<u>TOTAL</u>
1936	201.54	196.42	210.40	223.02	210.30	215.76
1937	223.35	225.22	237.66	239.32	232.28	239.83
1938	219.73	215.88	222.48	212.63	210.15	209.82
<u>OUTPUT LESS EXPORTS AND</u>						
1936	172.69	167.92	173.51	177.51	176.07	181.29
1937	180.22	180.02	191.69	198.08	195.08	200.48
1938	189.89	191.82	196.22	193.72	192.93	195.35

1/ Production plus provincial imports less provincial exports.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS 2/</u>					
64,652	1,976	33,955	19,503	4,274	4,944
66,102	1,759	34,303	19,905	4,848	5,287
73,871	1,924	38,179	24,351	4,278	5,139
1,120	493	10	1	612	4
1,057	449	10	1	593	4
1,307	701	10	1	592	3
65,772	2,469	33,965	19,504	4,886	4,948
67,159	2,208	34,313	19,906	5,441	5,291
75,178	2,625	38,189	24,352	4,870	5,142
70,249	2,306	36,895	20,204	5,603	5,241
76,001	2,578	40,027	23,345	5,620	4,431
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
	(3)			(4)	
356,864	11,174	270,482	59,710	15,190	308
423,902	8,914	310,965	69,137	34,604	282
600,398	3,404	491,593	83,630	21,268	503
2,847,539	35,316	2,129,482	451,572	229,132	2,037
3,948,103	22,833	3,138,013	535,195	248,992	3,070

(AVERAGE, 1926 = 100)

July	August	September	October	November	December
<u>OUTPUT</u>					
215.84	212.47	210.97	216.25	215.65	219.36
233.67	231.12	227.81	224.27	230.21	231.83
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
182.36	182.71	184.29	183.13	178.22	179.39
202.60	203.38	204.53	197.80	196.34	192.73

No allowance is made for the effect of holidays, Sundays or Saturdays, etc.  
New Brunswick only. 4/ Manitoba only.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1934	1935	1936	1937	1938
January	1,725,264	2,012,742	2,091,497	2,317,906	2,280,353
February	1,614,425	1,803,447	1,938,978	2,146,578	2,057,598
March	1,797,334	1,943,555	2,135,640	2,412,259	2,258,197
April	1,697,909	1,881,029	2,164,628	2,322,884	2,063,801
May	1,830,820	1,923,071	2,083,363	2,301,167	2,081,935
June	1,708,632	1,816,250	2,028,980	2,255,338	1,973,155
Sub Total	10,374,384	11,380,094	12,443,086	13,756,132	12,715,039
July	1,621,314	1,791,544	2,021,147	2,188,055	
August	1,676,865	1,851,153	2,020,416	2,197,725	
September	1,627,289	1,919,213	2,041,423	2,204,291	
October	1,853,226	2,162,569	2,280,508	2,365,052	
November	1,953,512	2,143,314	2,261,979	2,414,676	
December	2,052,940	2,156,525	2,325,733	2,457,996	
TOTAL	21,159,530	23,404,412	25,394,292	27,583,927	

EXPORTS TO THE UNITED STATES

January	100,485	113,878	118,050	134,931	157,532
February	102,151	109,524	110,684	138,041	123,094
March	112,115	103,957	125,921	172,695	144,091
April	63,105	97,475	125,496	164,250	135,616
May	111,000	94,256	130,530	167,033	155,292
June	113,640	107,994	157,871	158,657	158,314
Sub Total	602,496	627,084	768,552	929,617	873,939
July	105,856	93,348	157,543	164,057	
August	115,988	130,305	143,342	162,617	
September	107,114	142,177	125,127	143,441	
October	107,122	146,530	129,323	142,736	
November	99,714	112,305	126,152	145,549	
December	110,508	112,838	128,070	159,093	
TOTAL	1,248,798	1,364,587	1,578,109	1,847,100	

OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January	1,216,922	1,344,646	1,413,213	1,474,787	1,553,946
February	1,117,047	1,193,820	1,298,872	1,344,387	1,432,541
March	1,239,377	1,321,545	1,387,512	1,532,912	1,569,139
April	1,141,203	1,267,776	1,353,605	1,510,508	1,477,217
May	1,244,982	1,304,893	1,371,404	1,519,545	1,502,741
June	1,158,889	1,245,659	1,353,080	1,496,283	1,457,977
Sub Total	7,118,420	7,678,339	8,177,689	8,877,422	8,993,561
July	1,159,301	1,270,867	1,359,445	1,510,365	
August	1,191,218	1,306,710	1,386,797	1,543,699	
September	1,173,190	1,317,312	1,417,821	1,573,502	
October	1,290,580	1,415,896	1,533,075	1,655,879	
November	1,292,686	1,394,955	1,481,813	1,632,494	
December	1,348,205	1,411,097	1,516,702	1,629,452	
TOTAL	14,573,600	15,795,176	16,873,342	18,423,813	



DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
OTTAWA

No. 7

Dominion Statistician, R.H. Coats, LL.D., F.R.S.S., F.S.S. (Hon.)  
Chief, Transportation & Public Utilities Branch, G.S. Wrong, B.Sc.

OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

JULY, 1938

The output of central electric stations for July amounted to 1,987,754,000 kilowatt hours, as against 1,973,155,000 kilowatt hours for June, and the index number rose from 209.82 to 212.27. The consumption of firm power also increased from 1,457,978,000 kilowatt hours in June to 1,467,918,000 kilowatt hours and the index number rose to a new high for the year to 196.91, as against 196.22 for March, the previous peak, and 195.35 for June. Deliveries of secondary power to electric boilers amounted to 360,488,000 kilowatt hours, as against 356,864,000 kilowatt hours for June. Exports to the United States increased from 158,313,000 kilowatt hours in June to 159,348,000, but were 2.9 per cent below July 1937 exports.

Compared with July 1937 data, total production was down by 200,301,000 kilowatt hours, or 9 per cent, deliveries of secondary power to electric boilers decreased by 153,146,000 kilowatt hours, or 30 per cent, and consumption of firm power (including losses) decreased by 42,447,000 kilowatt hours, or 2.8 per cent.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>MONTHLY OUTPUTS</u>						
<u>Generated by Water Power</u>						
July, 1938	1,954,439	57,103	1,029,639	579,540	127,310	160,847
June, 1938	1,939,562	59,274	1,018,653	585,107	128,218	148,310
July, 1937	2,147,462	55,471	1,089,338	725,263	126,101	151,289
<u>Generated by Fuel</u>						
July, 1938	33,315	14,210	323	20	18,638	124
June, 1938	33,593	14,803	308	22	18,345	115
July, 1937	40,593	21,421	315	25	18,733	99
<u>Total Output</u>						
July, 1938	1,987,754	71,313	1,029,962	579,560	145,948	160,971
June, 1938	1,973,155	74,077	1,018,961	585,129	146,563	148,425
July, 1937	2,188,055	76,892	1,089,653	725,288	144,834	151,388
<u>Total to Date</u>						
1938	14,702,793	488,633	7,707,952	4,236,408	1,160,171	1,109,629
1937	15,944,187	543,544	8,365,358	4,919,829	1,182,148	953,308
<u>PROVINCIAL CONSUMPTIONS 1/</u>						
July, 1938	1,828,406	70,197	795,707	655,699	147,383	109,420
June, 1938	x 1,814,842	72,917	789,703	657,336	148,136	x 146,750
July, 1937	2,023,999	75,900	919,838	732,140	146,322	149,799
<u>Total to Date</u>						
1938	13,669,667	479,480	6,027,162	4,893,945	1,170,378	1,098,702
1937	14,850,525	534,488	6,945,826	5,255,353	1,172,649	942,209

INDEX NUMBER

	January	February	March	April	May	June
						<u>TOTAL</u>
1936	201.54	196.42	210.40	223.02	210.30	215.76
1937	223.35	225.22	237.66	239.32	232.28	239.83
1938	219.73	215.88	222.48	212.63	210.15	209.82
						<u>OUTPUT LESS EXPORTS 1/</u>
1936	172.69	167.92	173.51	177.51	176.07	181.29
1937	180.22	180.02	191.69	198.08	195.08	200.48
1938	189.89	191.82	196.22	193.72	192.93	195.35

1/ Production plus provincial imports less provincial exports.  
x - Revised.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS 2/</u>					
63,047	1,842	33,214	18,695	4,107	5,189
64,652	1,976	33,955	19,503	4,274	4,944
69,273	1,789	35,140	23,396	4,068	4,880
1,074	458	10	1	601	4
1,120	493	10	1	612	4
1,309	691	10	1	604	3
64,121	2,300	33,224	18,696	4,708	5,196
65,772	2,469	33,965	19,504	4,886	4,948
70,582	2,480	35,150	23,397	4,672	4,883
69,353	2,305	36,358	19,983	5,473	5,234
75,209	2,564	39,459	23,207	5,482	4,497
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
	(3)			(4)	
360,488	10,500	266,520	67,007	16,229	232
356,864	11,174	270,482	59,710	15,190	308
513,634	2,195	411,041	79,413	20,513	472
3,208,027	45,816	2,396,002	518,579	245,361	2,269
4,461,737	25,028	3,549,054	614,608	269,505	3,542

AVERAGE, 1926 = 100)

July	August	September	October	November	December
<u>OUTPUT</u>					
215.84	212.47	210.97	216.25	215.65	219.36
233.67	231.12	227.81	224.27	230.21	231.83
212.27					
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
182.36	182.71	184.29	183.13	178.22	179.39
202.60	203.38	204.53	197.80	196.34	192.73
196.91					

/ No allowance is made for the effect of holidays, Sundays or Saturdays, etc.  
/ New Brunswick only. 4/ Manitoba only.



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1934	1935	1936	1937	1938
January	1,725,264	2,012,742	2,091,497	2,317,906	2,280,353
February	1,614,425	1,803,447	1,938,978	2,146,578	2,057,598
March	1,797,334	1,943,555	2,135,640	2,412,259	2,258,197
April	1,697,909	1,881,029	2,164,628	2,322,884	2,063,801
May	1,830,820	1,923,071	2,083,363	2,301,167	2,081,935
June	1,708,632	1,816,250	2,028,980	2,255,338	1,973,155
July	1,621,314	1,791,544	2,021,147	2,188,055	1,987,754
Sub Total	11,995,698	13,171,638	14,464,233	15,944,187	14,702,793
August	1,676,865	1,851,153	2,020,416	2,197,725	
September	1,627,289	1,919,213	2,041,423	2,204,291	
October	1,853,226	2,162,569	2,280,508	2,365,052	
November	1,953,512	2,143,314	2,255,479	2,414,676	
December	2,052,940	2,155,525	2,325,733	2,412,995	
TOTAL	21,159,530	23,404,412	25,394,292	27,385,922	

EXPORTS TO THE UNITED STATES

January	100,485	113,878	118,050	134,931	157,532
February	102,151	109,521	110,684	138,041	123,094
March	112,115	103,957	125,921	172,695	144,091
April	63,105	97,415	125,496	164,250	135,616
May	111,000	94,255	130,530	161,033	155,292
June	113,640	107,994	155,871	158,657	x 158,313
July	105,956	93,348	157,544	171,055	159,348
Sub Total	708,352	720,432	926,094	1,093,650	1,033,286
August	115,988	130,305	143,342	162,617	
September	107,114	142,177	125,127	143,441	
October	107,122	146,250	129,323	142,736	
November	99,714	112,305	126,152	145,549	
December	110,508	112,638	128,070	159,093	
TOTAL	1,248,798	1,364,587	1,578,109	1,847,100	

OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January	1,216,922	1,344,646	1,113,218	1,474,787	1,553,946
February	1,117,047	1,193,820	1,298,872	1,344,387	1,432,541
March	1,239,377	1,321,545	1,387,512	1,532,912	1,569,139
April	1,141,203	1,267,776	1,313,801	1,510,508	1,477,217
May	1,244,982	1,304,893	1,371,404	1,519,545	1,502,741
June	1,158,889	1,245,659	1,351,140	1,496,283	x 1,457,978
July	1,159,301	1,200,000	1,359,445	1,510,365	1,461,918
Sub Total	8,277,721	8,949,206	9,537,134	10,387,787	10,461,480
August	1,191,218	1,306,710	1,386,797	1,543,699	
September	1,173,190	1,315,036	1,417,821	1,573,502	
October	1,290,580	1,415,830	1,253,770	1,655,879	
November	1,292,686	1,394,511	1,487,813	1,632,494	
December	1,318,205	1,411,000	1,515,702	1,629,452	
TOTAL	14,573,500	15,950,102	15,873,342	18,423,813	

x revised.

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DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
OTTAWA

No. 8

Dominion Statistician, R.H. Coats, M.D., F.R.S.C., F.S.S (Hon.)  
Chief, Transportation & Public Utilities Branch, G.S. Wong, B.Sc.

OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

AUGUST, 1938

The output of central electric stations increased to 2,071,901,000 kilowatt hours for August from 1,987,774,000 kilowatt hours for July, but was 5.7 per cent below the August 1937 output.

Exports to the United States dropped to 149,493,000 kilowatt hours, as against 159,349,000 kilowatt hours in July and 162,617,000 kilowatt hours in August last year.

Deliveries of secondary power to electric boilers increased from 360,488,000 kilowatt hours in July to 410,164,000 kilowatt hours and were 16.5 per cent below the August 1937 figure.

Total output less exports and secondary power for electric boilers amounted to 1,512,244,000 kilowatt hours, an increase of 3.0 per cent over the July consumption and only 2.0 per cent below the August 1937 consumption, and the index number, adjusted for seasonal variations, rose to 199.24, a new high for this year.

21/9/38

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>MONTHLY OUTPUTS</u>						
<u>Generated by Water Power</u>						
Aug., 1938	2,033,132	59,392	1,085,364	594,097	126,973	167,306
July, 1938	x 1,954,479	57,103	x1,029,679	579,540	127,310	160,847
Aug., 1937	2,155,364	59,910	1,103,245	707,843	126,838	157,528
<u>Generated by Fuel</u>						
Aug., 1938	38,769	14,708	356	...	19,906	3,799
July, 1938	x 33,295	14,210	323	x ...	18,638	124
Aug., 1937	42,361	23,269	327	30	18,627	108
<u>Total Output</u>						
Aug., 1938	2,071,901	74,100	1,085,720	594,097	146,879	171,105
July, 1938	x 1,987,774	71,313	x1,030,002	x579,540	145,948	160,971
Aug., 1937	2,197,725	83,179	1,103,572	707,873	145,465	157,636
<u>Total to Date</u>						
1938	16,774,714	562,733	8,793,712	4,830,485	1,307,050	1,280,734
1937	18,141,912	626,723	9,468,930	5,627,702	1,307,613	1,110,944
<u>PROVINCIAL CONSUMPTIONS 1/</u>						
Aug., 1938	1,922,408	72,748	845,442	686,355	148,475	169,388
July, 1938	x 1,828,426	70,197	x 795,747	x 655,679	147,383	159,420
Aug., 1937	2,035,108	82,228	900,028	749,860	146,882	156,110
<u>Total to Date</u>						
1938	15,592,095	552,228	6,872,644	5,580,280	1,318,853	1,268,090
1937	16,885,633	616,716	7,845,854	6,005,213	1,319,531	1,098,319

INDEX NUMBER

	January	February	March	April	May	June
						<u>TOTAL</u>
1936	201.54	196.42	210.40	223.02	210.30	215.76
1937	223.35	225.22	237.66	239.32	232.28	239.83
1938	219.73	215.88	222.48	212.63	210.15	209.82
					<u>OUTPUT LESS EXPORTS 1/</u>	
1936	172.69	167.92	173.51	177.51	176.07	181.29
1937	180.22	180.02	191.69	198.08	195.08	200.48
1938	189.89	191.82	196.22	193.72	192.93	195.35

1/ Production plus provincial imports less provincial exports.

x Revised.



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS 2/</u>					
65,585 x 63,048 69,528	1,916 1,842 1,932	35,012 x 33,215 34,638	19,164 18,695 23,784	4,096 4,107 4,092	5,397 5,189 5,082
1,250 1,074 1,366	474 458 751	11 x 11 10	... x ... 1	642 601 601	123 4 3
66,835 x 64,122 70,894	2,390 2,300 2,683	35,023 x 33,226 35,599	19,164 x 18,695 22,834	4,738 4,708 4,693	5,520 5,193 5,085
69,032 74,658	2,316 2,579	36,188 38,967	19,879 23,159	5,379 5,381	5,270 4,572
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
410,164 360,488 491,409	(3) 9,552 10,500 3,170	304,583 266,520 390,056	78,146 67,007 78,690	(4) 17,604 16,229 18,986	279 232 507
3,618,191 4,953,146	55,368 28,198	2,700,585 3,939,110	596,725 693,298	262,965 288,491	2,548 4,049

(AVERAGE, 1926 = 100)

July	August	September	October	November	December
<u>OUTPUT</u>					
215.84 233.67 x 212.28	212.47 231.12 217.88	210.97 227.81	216.25 224.27	215.65 230.21	219.36 231.88
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
182.36 202.60 196.91	182.71 203.38 199.24	184.29 204.53	183.13 197.80	178.22 196.34	179.39 192.73

2/ No allowance is made for the effect of holidays, Sundays or Saturdays, etc.

3/ New Brunswick only.

4/ Manitoba only.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1934	1935	1936	1937	1938
January	1,725,264	2,012,742	2,091,497	2,317,906	2,280,353
February	1,614,425	1,803,447	1,938,978	2,146,578	2,057,598
March	1,797,334	1,943,555	2,135,640	2,412,259	2,258,197
April	1,697,909	1,881,029	2,164,628	2,322,884	2,063,801
May	1,830,820	1,923,071	2,083,363	2,301,167	2,081,935
June	1,708,632	1,816,250	2,028,980	2,255,338	1,973,155
July	1,621,314	1,751,544	2,021,147	2,188,055	x 1,987,774
August	1,676,865	1,851,153	2,020,416	2,197,725	2,071,901
Sub Total	13,572,563	15,022,791	16,484,649	18,141,912	16,774,714
September	1,627,289	1,919,213	2,041,423	2,204,291	
October	1,853,226	2,162,569	2,280,508	2,365,052	
November	1,953,512	2,143,314	2,261,979	2,414,676	
December	2,052,940	2,156,525	2,325,733	2,457,996	
TOTAL	21,159,550	23,404,412	25,394,292	27,583,927	

EXPORTS TO THE UNITED STATES

January	110,465	113,878	118,050	134,931	157,532
February	102,151	109,524	110,684	138,041	123,094
March	112,115	103,957	121,921	172,692	144,091
April	63,105	97,475	125,496	164,250	135,616
May	111,000	94,256	130,530	161,033	155,292
June	113,640	107,994	157,871	158,657	158,313
July	105,856	93,348	157,543	164,057	x 159,349
August	115,988	130,305	143,342	162,617	149,493
Sub Total	824,340	850,737	1,069,437	1,266,281	1,112,780
September	107,114	142,177	125,127	143,441	
October	107,122	146,530	129,323	142,736	
November	99,714	112,305	126,152	145,549	
December	110,508	112,838	128,070	159,093	
TOTAL	1,246,796	1,364,587	1,678,109	1,847,100	

OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January	1,215,922	1,344,646	1,413,216	1,474,787	1,553,946
February	1,117,047	1,193,820	1,292,872	1,344,387	1,432,541
March	1,239,377	1,321,545	1,387,512	1,532,912	1,569,139
April	1,141,203	1,267,776	1,353,605	1,510,508	1,477,217
May	1,244,982	1,304,893	1,371,404	1,519,545	1,502,741
June	1,158,889	1,245,689	1,353,080	1,496,283	1,457,978
July	1,159,301	1,270,867	1,359,445	1,510,365	x 1,467,938
August	1,191,218	1,306,710	1,386,797	1,543,699	1,512,244
Sub Total	9,468,939	10,255,916	10,923,931	11,932,486	11,973,744
September	1,173,190	1,317,312	1,417,821	1,573,502	
October	1,290,580	1,415,896	1,533,075	1,655,879	
November	1,292,686	1,394,955	1,481,813	1,632,494	
December	1,348,205	1,411,097	1,516,782	1,629,452	
TOTAL	14,573,600	15,795,176	16,873,342	18,423,813	

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DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
OTTAWA

No. 9

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Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.)  
Chief, Transportation & Public Utilities Branch, G.S. Wrong, B.Sc.

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

SEPTEMBER, 1938

The output of central electric stations in Canada during September was 2,163,645,000 kilowatt hours and the index number, adjusted for seasonal variations, rose to a new high for the year at 223.61, as compared with 217.88 for 2,071,901,000 kilowatt hours for August and 227.81 for 2,204,291,000 kilowatt hours for September last year.

Exports to the United States increased from 149,493,000 kilowatt hours in August and 143,441,000 kilowatt hours a year ago to 151,691,000 kilowatt hours.

Deliveries of secondary power to boilers increased from 410,164,000 kilowatt hours in August to 481,407,000 kilowatt hours, but were 1.2 per cent below last year's.

Consumption of firm power amounted to 1,530,546,000 kilowatt hours, as against 1,573,502,000 kilowatt hours in September last year and 1,512,244,000 kilowatt hours in August, 1938, and the index number dropped from 199.24 for August to 198.95.

22/10/38



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>MONTHLY OUTPUTS</u>						
<u>Generated by Water Power</u>						
Sept., 1938	2,123,778	58,140	1,135,316	628,387	140,530	161,400
Aug., 1938	2,033,132	59,392	1,085,364	594,097	126,973	167,306
Sept., 1937	2,161,179	52,759	1,107,376	690,517	145,494	165,033
<u>Generated by Fuel</u>						
Sept., 1938	39,867	15,793	349	...	21,652	2,073
Aug., 1938	38,769	14,708	356	...	19,906	3,793
Sept., 1937	43,112	22,796	320	31	19,806	15,297
<u>Total Output</u>						
Sept., 1938	2,163,645	73,933	1,135,665	628,387	162,182	163,478
Aug., 1938	2,071,901	74,100	1,085,720	594,097	146,879	171,105
Sept., 1937	2,204,291	75,555	1,107,696	690,548	165,300	165,192
<u>Total to Date</u>						
1938	18,938,359	636,666	9,929,377	5,458,872	1,469,232	1,444,212
1937	20,346,203	702,278	10,576,626	6,318,250	1,472,913	1,276,136
<u>PROVINCIAL CONSUMPTIONS 1/</u>						
Sept., 1938	2,011,954	72,493	894,098	719,821	163,479	162,063
Aug., 1938	1,922,408	72,748	845,442	686,355	148,475	169,388
Sept., 1937	2,060,849	74,374	909,297	746,791	166,686	163,701
<u>Total to Date</u>						
1938	17,604,049	624,721	7,766,742	6,300,101	1,482,332	1,430,153
1937	18,946,482	691,090	8,755,151	6,752,004	1,486,217	1,262,020

INDEX NUMBER

	January	February	March	April	May	June
						<u>TOI</u>
1936	201.54	196.42	210.40	223.02	210.30	215.76
1937	223.35	225.22	237.66	239.32	232.28	239.83
1938	219.73	215.88	222.48	212.63	210.15	209.82
<u>OUTPUT LESS EXPORTS A</u>						
1936	172.69	167.92	173.51	177.51	176.07	181.29
1937	180.22	180.02	191.69	198.08	195.08	200.48
1938	189.89	191.82	196.22	193.72	192.93	195.35

1/ Production plus provincial imports less provincial exports.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS 2/</u>					
70,792	1,938	37,844	20,946	4,684	5,380
65,585	1,916	35,012	19,164	4,096	5,397
72,039	1,759	36,912	23,017	4,850	5,501
1,329	526	12	...	722	69
1,250	474	11	...	642	123
1,437	760	11	1	660	5
72,121	2,464	37,856	20,946	5,406	5,449
66,835	2,390	35,023	19,164	4,738	5,520
73,476	2,519	36,923	23,018	5,510	5,506
69,371	2,332	36,371	19,996	5,382	5,290
74,528	2,572	38,742	23,144	5,395	4,675
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
	(3)			(4)	
481,407	7,311	363,093	84,658	26,073	272
410,164	9,552	304,583	78,146	17,604	279
487,348	1,877	386,201	67,594	31,181	495
4,099,598	62,679	3,063,678	681,383	289,038	2,820
5,440,494	30,075	4,325,311	760,892	319,672	4,544

AVERAGE, 1926 = 100)

July	August	September	October	November	December
<u>OUTPUT</u>					
215.84	212.47	210.97	216.25	215.65	219.36
233.67	231.12	227.81	224.27	230.21	231.83
212.28	217.88	223.61			
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
182.36	182.71	184.29	183.13	178.22	179.39
202.60	203.38	204.53	197.80	196.34	192.73
196.91	199.24	198.95			

2/ No allowance is made for the effect of holidays, Sundays or Saturdays, etc.  
3/ New Brunswick only. 4/ Manitoba only.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1934	1935	1936	1937	1938
January	1,725,264	2,012,742	2,091,497	2,317,906	2,280,353
February	1,614,425	1,803,447	1,938,978	2,146,578	2,057,598
March	1,797,334	1,943,555	2,135,640	2,412,259	2,258,197
April	1,697,909	1,881,029	2,164,628	2,322,884	2,063,801
May	1,830,820	1,923,071	2,083,363	2,301,167	2,081,935
June	1,708,632	1,816,250	2,028,980	2,255,338	1,973,155
July	1,621,314	1,791,544	2,021,147	2,188,055	1,987,774
August	1,676,865	1,851,153	2,020,416	2,197,725	2,071,901
September	1,627,289	1,919,213	2,041,423	2,204,291	2,163,645
Sub Total	15,299,852	16,942,004	18,526,072	20,346,203	18,938,359
October	1,853,226	2,162,569	2,280,508	2,365,052	
November	1,953,512	2,143,314	2,261,979	2,414,676	
December	2,052,940	2,156,525	2,325,733	2,457,996	
TOTAL	21,159,530	23,404,412	23,394,292	25,583,927	

EXPORTS TO THE UNITED STATES

January	100,485	113,878	118,050	134,931	157,532
February	102,151	109,524	110,684	138,041	123,094
March	112,115	103,957	125,921	172,695	144,091
April	63,105	97,475	125,496	164,250	135,616
May	111,000	94,256	130,530	161,033	155,292
June	113,640	107,994	157,871	158,657	158,313
July	105,856	93,348	157,543	164,057	159,349
August	115,988	130,305	143,342	162,617	149,493
September	107,114	142,177	125,127	143,441	151,691
Sub Total	931,414	992,914	1,194,564	1,399,722	1,334,471
October	107,122	146,530	129,323	142,736	
November	99,714	112,305	126,152	145,549	
December	110,508	112,838	128,070	159,093	
TOTAL	1,248,758	1,364,587	1,578,109	1,847,100	

OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January	1,216,922	1,344,646	1,413,216	1,474,787	1,553,946
February	1,117,047	1,193,820	1,298,872	1,344,387	1,432,541
March	1,239,377	1,321,545	1,387,512	1,532,912	1,569,139
April	1,141,203	1,267,776	1,353,605	1,510,508	1,477,217
May	1,244,982	1,304,893	1,371,404	1,519,545	1,502,741
June	1,158,889	1,245,659	1,353,080	1,496,283	1,457,978
July	1,159,301	1,270,867	1,359,445	1,510,365	1,467,938
August	1,191,218	1,306,710	1,386,797	1,543,699	1,512,244
September	1,173,190	1,317,312	1,417,821	1,573,502	1,530,546
Sub Total	10,642,129	11,573,228	12,341,752	13,505,988	13,504,290
October	1,290,580	1,415,896	1,533,075	1,655,879	
November	1,292,686	1,394,955	1,481,813	1,632,494	
December	1,348,205	1,411,097	1,516,702	1,629,452	
TOTAL	14,583,600	15,795,176	16,873,342	18,423,813	



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Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
OTTAWA

No. 10

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Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)  
Chief, Transportation & Public Utilities Branch, G.S. Wrong, B.Sc.

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

OCTOBER, 1938

Central electric stations produced 2,329,428,000 kilowatt hours in October and 2,163,645,000 kilowatt hours in September. The increase was slightly less than the usual seasonal increase and the index number dropped from 223.61 to 220.89. The output a year ago was 2,365,052,000 kilowatt hours. The decrease of 35,624,000 kilowatt hours was mainly in secondary power delivered to electric boilers which declined from 566,436,000 kilowatt hours in 1937 to 539,236,000 kilowatt hours, or by 27,200,000 kilowatt hours.

Exports to the United States increased from 142,736,000 kilowatt hours in October, 1937, to 165,455,000 kilowatt hours, exports of surplus or off-peak power increasing from 24,739,000 kilowatt hours to 45,074,500 kilowatt hours.

The consumption of firm power increased from 1,530,546,000 kilowatt hours in September to 1,624,738,000 kilowatt hours, which also was less than the usual seasonal increase, and the index number dropped from 198.95 to 194.08, or by 2.4 per cent.

Decrease in power taken by the pulp and paper mills was undoubtedly the chief factor in the decreased output. The production of newsprint paper was down by 19 per cent in October, compared with last year's production. These mills take around 70 to 80 per cent of the secondary power and around 25 per cent of the firm power delivered in Canada.

22/11/38

Price 50 cents per Year

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>MONTHLY OUTPUTS</u>						
<u>Generated by Water Power</u>						
Oct., 1938	2,287,486	61,232	1,228,750	665,449	162,996	169,051
Sept., 1938	2,123,778	58,140	1,135,316	628,387	140,530	161,405
Oct., 1937	2,318,805	56,076	1,205,409	723,352	167,898	166,070
<u>Generated by Fuel</u>						
Oct., 1938	41,942	16,687	370	...	23,700	1,181
Sept., 1938	39,867	15,793	349	...	21,652	2,073
Oct., 1937	46,247	23,906	331	35	21,776	199
<u>Total Output</u>						
Oct., 1938	2,329,428	77,919	1,229,120	665,449	186,696	170,244
Sept., 1938	2,163,645	73,933	1,135,635	628,387	162,182	163,478
Oct., 1937	2,365,052	79,982	1,205,740	723,387	189,674	166,265
<u>Total to Date</u>						
1938	21,268,733	714,585	11,158,497	6,124,321	1,655,928	1,615,402
1937	22,711,255	782,260	11,782,366	7,041,637	1,662,587	1,442,405
<u>PROVINCIAL CONSUMPTIONS 1/</u>						
Oct., 1938	2,163,974	76,490	975,057	755,609	188,125	168,693
Sept., 1938	2,011,954	72,493	894,098	719,821	163,479	162,063
Oct., 1937	2,222,315	78,502	992,097	795,877	191,156	164,683
<u>Total to Date</u>						
1938	19,768,969	701,211	8,741,799	7,055,710	1,670,457	1,599,792
1937	21,168,797	769,592	9,747,248	7,547,881	1,677,373	1,426,703
<u>INDEX NUMBER</u>						
	January	February	March	April	May	June
1936	201.54	196.42	210.40	223.02	210.30	215.76
1937	223.35	225.22	237.66	239.32	232.28	239.82
1938	x 219.82	215.88	222.48	212.63	210.15	209.82
<u>OUTPUT LESS EXPORTS AND</u>						
1936	172.69	167.92	173.51	177.51	176.07	181.29
1937	180.22	180.02	191.69	198.08	195.08	200.48
1938	x 190.01	191.82	196.22	193.72	192.93	195.35

1/ Production plus provincial imports less provincial exports.  
x - Revised.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS 2/</u>					
73,790	1,975	39,637	21,466	5,258	5,454
70,792	1,938	37,844	20,946	4,684	5,380
74,800	1,809	38,884	23,334	5,416	5,357
1,353	538	12	...	765	38
1,329	526	12	...	722	69
1,492	771	11	1	703	6
75,143	2,513	39,649	21,466	6,023	5,492
72,121	2,464	37,856	20,946	5,406	5,449
76,292	2,580	38,895	23,335	6,119	5,363
69,963	2,351	36,705	20,146	5,447	5,314
74,708	2,573	38,758	23,163	5,469	4,745
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
	(3)			(4)	
539,236	4,156	407,022	87,965	39,769	324
481,407	7,311	363,093	84,658	26,073	272
566,436	2,532	447,539	69,880	45,988	497
4,638,834	66,835	3,470,700	769,348	328,807	3,144
6,006,930	32,607	4,772,850	830,772	365,660	5,041
AVERAGE, 1926 = 100)					
July	August	September	October	November	December
<u>OUTPUT</u>					
215.84	212.47	210.97	216.25	215.65	219.36
233.67	231.12	227.81	224.27	230.21	231.83
212.28	217.88	<u>223.61</u>	220.89		
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
182.36	182.71	<u>184.29</u>	183.13	178.22	179.39
202.60	203.38	<u>204.53</u>	197.80	196.34	192.73
196.91	<u>199.24</u>	198.95	194.08		

No allowance is made for the effect of holidays, Sundays or Saturdays, etc.  
New Brunswick only. 4/ Manitoba only.



**OUTPUT OF CENTRAL ELECTRIC STATIONS**  
(Thousands of Kilowatt Hours)

Month	1934	1935	1936	1937	1938
January	1,725,264	2,012,742	2,091,497	2,317,906	x 2,281,299
February	1,614,425	1,803,447	1,938,978	2,146,578	2,057,598
March	1,797,334	1,943,555	2,135,640	2,412,259	2,258,197
April	1,697,909	1,881,029	2,164,628	2,322,884	2,063,801
May	1,830,820	1,923,071	2,083,363	2,301,167	2,081,935
June	1,708,632	1,816,250	2,028,980	2,255,338	1,973,155
July	1,621,314	1,791,544	2,021,147	2,188,055	1,987,774
August	1,676,865	1,851,153	2,020,416	2,197,725	2,071,901
September	1,627,289	1,919,213	2,041,423	2,204,291	2,163,645
October	1,853,226	2,162,569	2,280,508	2,365,052	2,329,428
Sub Total	17,153,078	19,104,573	20,806,580	22,711,255	21,268,733
November	1,953,512	2,143,314	2,261,979	2,414,676	
December	2,052,940	2,156,525	2,325,733	2,457,996	
TOTAL	21,159,530	23,404,412	25,394,292	27,583,927	

**EXPORTS TO THE UNITED STATES**

January	100,485	113,878	118,050	134,931	157,532
February	102,151	109,524	110,684	138,041	123,094
March	112,115	103,957	125,921	172,695	144,091
April	63,105	97,475	125,496	164,250	135,616
May	111,000	94,256	130,530	161,033	155,292
June	113,640	107,994	157,871	158,657	158,313
July	105,856	93,348	157,543	164,057	159,349
August	115,988	130,305	143,342	162,617	149,493
September	107,114	142,177	125,127	143,441	151,691
October	107,122	146,530	129,323	142,736	165,455
Sub Total	1,038,576	1,139,444	1,323,885	1,542,458	1,499,926
November	99,714	112,305	126,152	145,549	
December	110,508	112,858	128,070	159,093	
TOTAL	1,248,798	1,364,587	1,578,109	1,847,100	

**OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS**

January	1,216,922	1,344,648	1,413,216	1,474,787	x 1,554,892
February	1,117,047	1,193,820	1,298,872	1,344,387	1,432,541
March	1,239,377	1,321,545	1,387,512	1,532,912	1,569,139
April	1,141,203	1,267,776	1,353,605	1,510,508	1,477,217
May	1,244,982	1,304,893	1,371,404	1,519,545	1,502,741
June	1,158,889	1,245,659	1,353,080	1,496,283	1,457,978
July	1,159,301	1,270,867	1,359,445	1,510,365	1,467,938
August	1,191,218	1,306,710	1,386,797	1,543,699	1,512,244
September	1,173,190	1,317,312	1,417,821	1,573,502	1,530,546
October	1,290,580	1,415,896	1,533,075	1,655,879	1,624,738
Sub Total	11,932,709	12,989,124	13,874,829	15,161,867	15,129,974
November	1,292,686	1,394,955	1,481,813	1,632,494	
December	1,348,205	1,411,097	1,516,702	1,629,452	
TOTAL	14,573,600	15,795,176	16,873,342	18,423,813	

x - Revised.

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TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
OTTAWA

No. 11

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Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.)  
Chief, Transportation & Public Utilities Branch, G.S. Wrong, B.Sc.

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

NOVEMBER, 1938

The output of central electric stations reached a new high for the year in November at 2,374,993,000 kilowatt hours and the index, adjusted for seasonal variations, also was the highest for the year at 226.42, as compared with the previous record of 223.61 for September and 220.89 for October.

Exports to the United States at 165,300,000 kilowatt hours were exceeded this year only by the October exports of 165,455,000 kilowatt hours and were the heaviest November exports on record.

Deliveries of secondary power to boilers amounted to 596,146,000 kilowatt hours, an increase over October deliveries of 10.5 per cent, but 6.4 per cent below November 1937 deliveries. This decrease from last year's was practically all in Quebec with a decrease of 53,116,000 kilowatt hours, or 10.7 per cent. British Columbia showed a decrease of 249,000 kilowatt hours, but in the other divisions heavier deliveries were recorded.

The consumption of firm power, i.e., the output less exports to the United States and secondary power delivered to boilers, amounted to 1,613,548,000 kilowatt hours and the index number at 194.06 was slightly below October's and 2.28 points below the November, 1937, index.

22/12/38

Price 50 cents per Year.



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>MONTHLY OUTPUTS</u>						
<u>Generated by Water Power</u>						
Nov., 1938	2,333,825	61,652	1,286,397	649,454	176,290	160,032
Oct., 1938	2,287,486	61,232	1,228,750	665,449	162,996	169,059
Nov., 1937	2,366,634	55,952	1,252,873	721,545	170,711	165,553
<u>Generated by Fuel</u>						
Nov., 1938	41,168	16,293	373	...	24,169	333
Oct., 1938	41,942	16,687	370	...	23,700	1,185
Nov., 1937	48,041	24,723	355	30	22,773	160
<u>Total Output</u>						
Nov., 1938	2,374,993	77,945	1,286,770	649,454	200,459	160,365
Oct., 1938	2,329,428	77,919	1,229,120	665,449	186,696	170,244
Nov., 1937	2,414,675	80,675	1,253,228	721,575	193,484	165,713
<u>Total to Date</u>						
1938	23,643,726	792,530	12,445,267	6,773,775	1,856,387	1,775,767
1937	25,125,930	862,935	13,035,594	7,763,212	1,856,071	1,608,118
<u>PROVINCIAL CONSUMPTIONS 1/</u>						
Nov., 1938	2,209,694	76,581	1,009,897	762,522	201,940	158,754
Oct., 1938	x 2,163,973	76,490	975,057	755,609	188,125	x 168,692
Nov., 1937	2,269,127	79,165	1,039,336	791,536	195,045	164,045
<u>Total to Date</u>						
1938	21,978,662	777,792	9,751,696	7,818,232	1,872,397	1,758,545
1937	23,437,924	848,757	10,786,584	8,339,417	1,872,418	1,590,748
<u>INDEX NUMBERS</u>						
	January	February	March	April	May	June
						<u>TOTAL</u>
1936	201.54	196.42	210.40	<u>223.02</u>	210.30	215.76
1937	223.35	225.22	237.66	239.32	232.28	<u>239.83</u>
1938	219.82	215.88	222.48	212.63	210.15	209.82
<u>OUTPUT LESS EXPORTS AND</u>						
1936	172.69	167.92	173.51	177.51	176.07	181.29
1937	180.22	180.02	191.69	198.08	195.08	200.48
1938	190.01	191.82	196.22	193.72	192.93	195.35

1/ Production plus provincial imports less provincial exports.

x - Revised.



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS 2/</u>					
77,794	2,055	42,880	21,649	5,876	5,334
73,790	1,975	39,637	21,466	5,258	5,454
78,887	1,865	41,762	24,052	5,690	5,518
1,372	543	12	...	806	11
1,353	538	12	...	765	38
1,601	824	12	1	759	5
79,166	2,598	42,892	21,649	6,682	5,345
75,143	2,513	39,649	21,466	6,023	5,492
80,488	2,689	41,774	24,053	6,449	5,523
70,790	2,373	37,261	20,281	5,558	5,317
75,227	2,583	39,029	23,243	5,557	4,815
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
(3)	(3)			(4)	
596,146	7,042	441,513	94,086	53,205	300
539,236	4,156	407,022	87,965	39,769	324
636,633	2,962	494,629	85,523	52,970	549
5,234,980	73,877	3,912,213	863,434	382,012	3,444
6,643,563	35,569	5,267,479	916,295	418,630	5,590
AVERAGE, 1926 = 100)					
July	August	September	October	November	December
<u>OUTPUT</u>					
215.84	212.47	210.97	216.25	215.65	219.36
233.67	231.12	227.81	224.27	230.21	231.83
212.28	217.88	223.61	220.89	<u>226.42</u>	
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
182.36	182.71	<u>184.29</u>	183.13	178.22	179.39
202.60	203.38	<u>204.53</u>	197.80	196.34	192.73
196.91	<u>199.24</u>	198.95	194.08	194.06	

2/ No allowance is made for the effect of holidays, Sundays or Saturdays, etc.

3/ New Brunswick only. 4/ Manitoba only.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1934	1935	1936	1937	1938
January	1,725,264	2,012,742	2,091,497	2,317,906	2,281,299
February	1,614,425	1,803,447	1,938,978	2,146,578	2,057,598
March	1,797,334	1,943,555	2,135,640	2,412,259	2,258,197
April	1,697,909	1,881,029	2,164,628	2,322,884	2,063,801
May	1,830,820	1,923,071	2,083,363	2,301,167	2,081,935
June	1,708,632	1,816,250	2,028,980	2,255,338	1,973,155
July	1,621,314	1,791,544	2,021,147	2,188,055	1,987,774
August	1,676,865	1,851,153	2,020,416	2,197,725	2,071,901
September	1,627,289	1,919,213	2,041,423	2,204,291	2,163,645
October	1,853,226	<u>2,162,569</u>	2,280,508	2,365,052	2,329,428
November	1,953,512	2,143,314	2,261,979	2,414,676	2,374,993
Sub Total	19,106,590	21,247,887	23,068,559	25,125,931	23,643,726
December	<u>2,052,940</u>	2,156,525	<u>2,325,733</u>	<u>2,457,996</u>	
TOTAL	21,159,530	23,404,412	25,394,292	27,583,927	

EXPORTS TO THE UNITED STATES

January	100,485	113,878	118,050	134,931	157,532
February	102,151	109,524	110,684	138,041	123,094
March	112,115	103,957	125,921	<u>172,695</u>	144,091
April	63,105	97,475	125,496	164,250	135,616
May	111,000	94,256	130,530	161,033	155,292
June	113,640	107,994	<u>157,871</u>	158,657	158,313
July	105,856	93,348	157,543	164,057	159,349
August	<u>105,988</u>	130,305	143,342	162,617	149,493
September	107,114	142,177	125,127	143,441	151,691
October	107,122	<u>146,530</u>	129,323	142,736	165,455
November	99,714	112,305	126,152	145,549	165,300
Sub Total	1,138,290	1,251,749	1,450,039	1,688,007	1,665,226
December	110,508	112,838	128,070	159,093	
TOTAL	1,248,798	1,364,587	1,578,109	1,847,100	

OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January	1,216,922	1,344,646	1,413,216	1,474,787	1,554,892
February	1,117,047	1,193,820	1,298,872	1,344,387	1,432,541
March	1,239,377	1,321,545	1,387,512	1,532,912	1,569,139
April	1,141,203	1,267,776	1,353,605	1,510,508	1,477,217
May	1,244,982	1,304,893	1,371,404	1,519,545	1,502,741
June	1,158,889	1,245,659	1,353,080	1,496,283	1,457,978
July	1,159,301	1,270,867	1,359,445	1,510,365	1,467,938
August	1,191,218	1,306,710	1,386,797	1,543,699	1,512,244
September	1,173,190	1,317,312	1,417,821	1,573,502	1,530,546
October	1,290,580	<u>1,415,896</u>	<u>1,533,075</u>	<u>1,655,879</u>	1,624,738
November	1,292,686	1,394,955	1,481,813	<u>1,632,494</u>	1,613,548
Sub Total	13,225,395	14,384,079	15,356,642	16,794,361	16,743,522
December	<u>1,348,205</u>	1,411,097	1,516,702	1,629,452	
TOTAL	14,573,600	15,795,176	16,873,342	18,423,813	

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OTTAWA

No. 12

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.)  
Chief, Transportation & Public Utilities Branch, G.S. Wrong, B.Sc.

OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

DECEMBER, 1938

The output of central electric stations for December amounted to 2,349,844,000 kilowatt hours, a decrease from the December 1937 output of 108,152,000 kilowatt hours. This decrease was all in secondary power for electric boilers which dropped from 669,451,000 kilowatt hours to 552,557,000 kilowatt hours.

Exports to the United States increased from 159,093,000 kilowatt hours a year ago to 161,290,000 kilowatt hours.

Consumption of firm power increased from 1,629,452,000 kilowatt hours in 1937 to 1,635,997,000 kilowatt hours. This is the second highest for any month in the history of the industry, the high record of 1,655,879,000 kilowatt hours being made in October, 1937.

The output of these large stations making monthly reports for the year was 25,994,238,000 kilowatt hours which is approximately 99 per cent of the total output of all stations. This compares with 27,583,927,000 kilowatt hours for 1937. Practically all of this decrease of 1,689,689,000 kilowatt hours was secondary power for electric boilers which dropped from 7,313,014,000 kilowatt hours to 5,787,537,000 kilowatt hours, or by 1,525,477,000 kilowatt hours or 26 per cent.

Exports to the United States dropped from 1,847,100,000 kilowatt hours in 1937 to 1,826,514,000 kilowatt hours. The off peak exports included in these were 451,600,000 kilowatt hours in 1937 and 453,233,000 kilowatt hours in 1938.

The total output less exports and deliveries of secondary power to electric boilers amounted to 18,380,187,000 kilowatt hours compared with 18,423,813,000 kilowatt hours in 1937, a decrease of 43,626,000 kilowatt hours, or less than a quarter of one per cent.



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>MONTHLY OUTPUTS</u>						
<u>Generated by Water Power</u>						
Dec., 1938	2,307,254	59,727	1,234,707	661,657	183,639	167,524
Nov., 1938 x	2,334,493	61,652	x1,287,028	x649,491	176,290	160,032
Dec., 1937	2,409,935	60,432	1,282,770	715,242	181,165	170,326
<u>Generated by Fuel</u>						
Dec., 1938	42,590	16,275	397	...	25,187	731
Nov., 1938	41,168	16,293	373	...	24,169	333
Dec., 1937	48,061	23,427	355	42	23,651	586
<u>Total Output</u>						
Dec., 1938	2,349,844	76,002	1,235,104	661,657	208,826	168,255
Nov., 1938 x	2,375,661	77,945	x1,287,401	x649,491	200,459	160,365
Dec., 1937	2,457,996	83,859	1,283,125	715,284	204,816	170,912
<u>Total to Date</u>						
1938	25,994,238	868,532	13,681,002	7,435,469	2,065,213	1,944,022
1937	27,583,926	946,794	14,318,719	8,478,496	2,060,887	1,779,030
<u>PROVINCIAL CONSUMPTIONS 1/</u>						
Dec., 1938	2,188,554	74,478	949,458	787,673	210,374	166,571
Nov., 1938 x	2,210,362	76,581	x1,010,527	x 762,560	201,940	158,754
Dec., 1937	2,298,903	82,267	1,032,743	808,288	206,381	169,224
<u>Total to Date</u>						
1938	24,167,884	852,270	10,701,784	8,605,943	2,082,771	1,925,116
1937	25,736,827	931,024	11,819,327	9,147,705	2,078,799	1,759,972

INDEX NUMBERS

	January	February	March	April	May	June
						<u>TOTAL</u>
1936	201.54	196.42	210.40	223.02	210.30	215.76
1937	223.35	225.22	237.66	239.32	232.28	239.83
1938	219.82	215.88	222.48	212.63	210.15	209.82
					<u>OUTPUT LESS EXPORTS AND</u>	
1936	172.69	167.92	173.51	177.51	176.07	181.29
1937	180.22	180.02	191.69	198.08	195.08	200.48
1938	190.01	191.82	196.22	193.72	192.93	195.35

1/ Production plus provincial imports less provincial exports.  
x Revised.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS 2/</u>					
74,428 x 77,815 77,740	1,927 2,055 1,949	39,829 x42,901 41,380	21,344 21,649 23,073	5,924 5,876 5,844	5,404 5,334 5,494
1,374 1,372 1,550	525 543 756	13 12 11	... ... 1	812 806 763	24 11 19
75,802 x 79,187 79,290	2,452 2,598 2,705	39,842 x 42,913 41,391	21,344 21,649 23,074	6,736 6,682 6,607	5,428 5,345 5,513
71,217 75,572	2,380 2,594	37,482 39,229	20,371 23,229	5,658 5,646	5,326 4,874
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
552,557 596,146 669,451	(3) 6,531 7,042 6,891	386,429 441,513 519,203	102,494 94,086 84,458	(4) 56,812 53,205 58,356	291 300 543
5,787,537 7,313,014	80,408 42,460	4,298,642 5,786,682	965,928 1,000,753	438,824 476,986	3,735 6,133

AVERAGE, 1926 = 100)

July	August	September	October	November	December
<u>OUTPUT</u>					
215.84 233.67 212.28	212.47 231.12 217.88	210.97 227.81 223.61	216.25 224.27 220.89	215.65 230.21 x 226.49	219.36 231.83 221.63
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
182.36 202.60 196.91	182.71 203.38 199.24	184.29 204.53 198.95	183.13 197.80 194.08	178.22 196.34 x 194.14	179.39 192.73 193.50

No allowance is made for the effect of holidays, Sundays or Saturdays, etc.  
New Brunswick only. 4/ Manitoba only.



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1934	1935	1936	1937	1938
January	1,725,264	2,012,742	2,091,497	2,317,906	2,281,299
February	1,614,425	1,803,447	1,938,978	2,146,578	2,057,598
March	1,797,334	1,943,555	2,135,640	2,412,259	2,258,197
April	1,697,909	1,881,029	2,164,628	2,322,884	2,063,801
May	1,830,820	1,923,071	2,083,363	2,301,167	2,081,935
June	1,708,632	1,816,250	2,028,980	2,255,338	1,973,155
July	1,621,314	1,791,544	2,021,147	2,188,055	1,987,774
August	1,676,865	1,851,153	2,020,416	2,197,725	2,071,901
September	1,627,289	1,919,213	2,041,423	2,204,291	2,163,645
October	1,853,226	2,162,569	2,280,508	2,365,052	2,329,428
November	1,953,512	2,143,314	2,261,979	2,414,676	x 2,375,661
December	2,052,940	2,156,525	2,325,733	2,457,996	2,349,844
TOTAL	21,159,530	23,404,412	25,394,292	27,583,927	25,994,238

EXPORTS TO THE UNITED STATES

January	100,485	113,878	118,050	134,931	157,532
February	102,151	109,524	110,684	138,041	123,094
March	112,115	103,957	125,921	172,695	144,091
April	63,105	97,475	125,496	164,250	135,616
May	111,000	94,256	130,530	161,033	155,292
June	113,640	107,994	157,871	158,657	158,313
July	105,856	93,348	157,543	164,057	159,349
August	115,988	130,305	143,342	162,617	149,493
September	107,114	142,177	125,127	143,441	151,691
October	107,122	146,530	129,323	142,736	165,455
November	99,714	112,305	126,152	145,549	x 165,298
December	110,508	112,838	128,070	159,093	161,290
TOTAL	1,248,798	1,364,587	1,578,109	1,847,100	1,826,514

OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January	1,216,922	1,344,646	1,413,216	1,474,787	1,554,892
February	1,117,047	1,193,820	1,298,872	1,344,387	1,432,541
March	1,239,377	1,321,545	1,387,512	1,532,912	1,569,139
April	1,141,203	1,267,776	1,353,605	1,510,508	1,477,217
May	1,244,982	1,304,893	1,371,404	1,519,545	1,502,741
June	1,158,889	1,245,659	1,353,080	1,496,283	1,457,978
July	1,159,301	1,270,867	1,359,445	1,510,365	1,467,938
August	1,191,218	1,306,710	1,386,797	1,543,699	1,512,244
September	1,173,190	1,317,312	1,417,821	1,573,502	1,530,546
October	1,290,580	1,415,896	1,533,075	1,655,879	1,624,738
November	1,292,686	1,394,955	1,481,813	1,632,494	x 1,614,216
December	1,348,205	1,411,097	1,516,702	1,629,452	1,635,997
TOTAL	14,573,600	15,795,176	16,873,342	18,423,813	18,380,187



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DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
OTTAWA

No. 1

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)  
Chief, Transportation & Public Utilities Branch, G.S. Wrong, B.Sc.

OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

JANUARY, 1939

Central electric stations produced 2,386,771,000 kilowatt hours in January, compared with 2,281,299,000 kilowatt hours in January, 1938, and 2,317,906,000 kilowatt hours in January, 1937. This was the highest January output on record and was greater than for any month last year.

Exports to the United States increased from 157,532,000 kilowatt hours in January, 1938, and 161,290,000 kilowatt hours in December to 166,915,000 kilowatt hours.

Deliveries of secondary power to electric boilers amounted to 572,516,000 kilowatt hours, an increase of 3,641,000 kilowatt hours, or 0.6 per cent, over January 1938 deliveries.

Consumption of firm power rose from 1,554,892,000 kilowatt hours in January last year to 1,647,340,000 kilowatt hours. This has been exceeded only once, which was in October, 1937, with a record of 1,655,879,000 kilowatt hours.

22/2/39

Price per year 50 cents.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>MONTHLY OUTPUTS</u>						
<u>Generated by Water Power</u>						
Jan., 1939	2,346,316	58,632	1,273,215	659,063	186,220	169,186
Dec., 1938	2,307,254	59,727	1,234,707	661,657	183,639	167,524
Jan., 1938	2,242,975	53,134	1,193,628	660,634	166,734	168,845
<u>Generated by Fuel</u>						
Jan., 1939	40,455	15,811	371	...	24,048	225
Dec., 1938	42,590	16,275	397	...	25,187	731
Jan., 1938	38,324	15,244	338	60	22,425	257
<u>Total Output</u>						
Jan., 1939	2,386,771	74,443	1,273,586	659,063	210,268	169,411
Dec., 1938	2,349,844	76,002	1,235,104	661,657	208,826	168,255
Jan., 1938	2,281,299	68,378	1,193,966	660,694	189,159	169,102
<u>PROVINCIAL CONSUMPTIONS 1/</u>						
Jan., 1939	2,219,856	72,914	968,852	798,545	211,822	167,723
Dec., 1938	2,188,554	74,478	949,458	787,673	210,374	166,571
Jan., 1938	2,123,767	66,833	929,151	769,637	190,563	167,583

INDEX NUMBERS

	January	February	March	April	May	June
						<u>-TOTAL</u>
1937	223.35	225.22	237.66	239.32	232.28	239.83
1938	219.82	215.88	222.48	212.63	210.15	209.82
1939	229.99					
<u>OUTPUT LESS EXPORTS AND</u>						
1937	180.22	180.02	191.69	198.08	195.08	200.48
1938	190.01	191.82	196.22	193.72	192.93	195.35
1939	201.30					

1/ Production plus provincial imports less provincial exports.

x Revised.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS 2/</u>					
75,688	1,891	41,071	21,260	6,007	5,459
74,428	1,927	39,829	21,344	5,924	5,404
72,354	1,714	38,504	21,311	5,578	5,447
1,304	510	12	...	776	6
1,374	525	13	...	812	24
1,236	492	11	2	723	8
76,992	2,401	41,083	21,260	6,783	5,465
75,802	2,452	39,842	21,344	6,736	5,428
73,590	2,206	38,515	21,313	6,101	5,455
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
	(3)			(4)	
572,516	6,785	401,736	102,155	61,556	284
552,557	6,531	386,429	102,494	56,812	291
568,875	2,617	431,313	83,317	51,180	448

PERAGE, 1926 = 100)

July	August	September	October	November	December
<u>OUTPUT</u>					
233.67	231.12	227.81	224.27	230.21	231.83
212.28	x 218.31	223.61	220.89	226.49	221.63
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
202.60	203.38	204.53	197.80	196.34	192.73
196.91	x 199.76	198.95	194.08	194.14	193.50

No allowance is made for the effect of holidays, Sundays or Saturdays, etc.  
New Brunswick only. 4/ Manitoba only.



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1935	1936	1937	1938	1939
January	2,012,742	2,091,497	2,317,906	2,281,299	2,386,771
February	1,803,447	1,938,978	2,146,578	2,057,598	
March	1,943,555	2,135,640	2,412,259	2,258,197	
April	1,881,029	2,164,628	2,322,884	2,063,801	
May	1,923,071	2,083,363	2,301,167	2,081,935	
June	1,816,250	2,028,980	2,255,338	1,973,155	
July	1,791,544	2,021,147	2,188,055	1,987,774	
August	1,851,153	2,020,416	2,197,725	x 2,075,901	
September	1,919,213	2,041,423	2,204,291	2,163,645	
October	<u>2,162,569</u>	2,280,508	2,365,052	2,329,428	
November	2,143,314	2,261,979	2,414,676	<u>2,375,661</u>	
December	2,156,525	<u>2,325,733</u>	<u>2,457,996</u>	2,349,844	
TOTAL	23,404,412	25,394,292	27,583,927	x25,998,238	

EXPORTS TO THE UNITED STATES

January	113,878	118,050	134,931	157,532	166,915
February	109,524	110,684	138,041	123,094	
March	103,957	125,921	<u>172,695</u>	144,091	
April	97,475	125,496	164,250	135,616	
May	94,256	130,530	161,033	155,292	
June	107,994	<u>157,871</u>	158,657	158,313	
July	93,348	157,543	164,057	159,349	
August	130,305	143,342	162,617	149,493	
September	142,177	125,127	143,441	151,691	
October	<u>146,530</u>	129,323	142,736	<u>165,455</u>	
November	112,305	126,152	145,549	x 165,299	
December	112,838	128,070	159,093	161,290	
TOTAL	1,364,587	1,578,109	1,847,100	x1,826,515	

OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January	1,344,646	1,413,216	1,474,787	1,554,892	1,647,340
February	1,193,820	1,298,872	1,344,387	1,432,541	
March	1,321,545	1,387,512	1,532,912	1,569,139	
April	1,267,776	1,353,605	1,510,508	1,477,217	
May	1,304,893	1,371,404	1,519,545	1,502,741	
June	1,245,659	1,353,080	1,496,283	1,457,978	
July	1,270,867	1,359,445	1,510,365	1,467,938	
August	1,306,710	1,386,797	1,543,699	x1,516,244	
September	1,317,312	1,417,821	1,573,502	1,530,546	
October	<u>1,415,896</u>	<u>1,533,075</u>	<u>1,655,879</u>	1,624,738	
November	1,394,955	1,481,813	1,632,494	x1,614,215	
December	1,411,097	1,516,702	1,629,452	<u>1,635,997</u>	
TOTAL	15,795,176	16,873,342	18,423,813	x18,384,186	

x - Revised.

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DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
OTTAWA

No. 2

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Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)  
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

FEBRUARY, 1939

The output of central electric stations in Canada during February amounted to 2,213,938,000 kilowatt hours which was the highest February output on record, and on a daily basis November and December, 1937, and November 1938 were the only months with greater outputs.

Exports to the United States dropped to 153,491,000 kilowatt hours from 166,915,000 kilowatt hours in January, but on a daily basis were slightly above the January exports.

Deliveries of secondary power to electric boilers amounted to 575,863,000 kilowatt hours, compared with 501,964,000 kilowatt hours in February, 1938 and 579,327,000 kilowatt hours in January last.

The consumption of firm power in Canada increased from 1,432,541,000 kilowatt hours in February, 1938 to 1,484,584,000 kilowatt hours. Although on a daily basis this was slightly greater than the January, 1939 consumption, and the index number, after adjustments for seasonal trends, dropped from 200.47 to 198.79.

21/3/39

Price per year 50 cents.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>MONTHLY OUTPUTS</u>						
<u>Generated by Water Power</u>						
Feb., 1939	2,174,945	44,420	1,194,388	620,548	170,641	144,944
Jan., 1939	2,346,316	58,632	1,273,215	659,063	186,220	169,186
Feb., 1938	2,020,785	52,434	1,098,003	572,804	149,448	148,098
<u>Generated by Fuel</u>						
Feb., 1939	38,993	15,916	328	...	21,768	98
Jan., 1939	40,455	15,811	371	...	24,048	22
Feb., 1938	36,813	15,958	301	47	19,656	85
<u>Total Output</u>						
Feb., 1939	2,213,938	60,336	1,194,716	620,548	192,409	145,922
Jan., 1939	2,386,771	74,443	1,273,586	659,063	210,268	169,411
Feb., 1938	2,057,598	68,392	1,098,304	572,851	169,104	148,944
<u>Total to Date</u>						
1939	4,600,709	134,779	2,468,302	1,279,611	402,677	315,340
1938	4,338,897	136,770	2,292,270	1,233,546	358,263	318,048
<u>PROVINCIAL CONSUMPTIONS 1/</u>						
Feb., 1939	2,060,446	58,996	908,599	754,631	193,799	144,421
Jan., 1939	2,219,856	72,914	968,852	798,545	211,822	167,723
Feb., 1938	1,934,504	67,198	862,704	686,653	170,559	147,390
<u>Total to Date</u>						
1939	4,280,302	131,910	1,877,450	1,553,176	405,621	312,144
1938	4,058,271	134,031	1,791,855	1,456,290	361,122	314,973

INDEX NUMBER

	January	February	March	April	May	June
						<u>TO</u>
1937	223.35	225.22	237.66	239.32	232.28	239.81
1938	219.82	215.88	222.48	212.63	210.15	209.81
1939	229.99	232.29				
<u>OUTPUT LESS EXPORTS A</u>						
1937	180.22	180.02	191.69	198.08	195.08	200.41
1938	190.01	191.82	196.22	193.72	192.93	195.31
1939	x200.47	198.79				

1/ Production plus provincial imports less provincial exports.

x Revised



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS 2/</u>					
77,676	1,586	42,657	22,162	6,094	5,177
75,688	1,891	41,071	21,260	6,007	5,459
72,171	1,873	39,214	20,457	5,338	5,289
1,393	569	12	...	777	35
1,304	510	12	...	776	6
1,315	570	11	2	702	30
79,069	2,155	42,669	22,162	6,871	5,212
76,992	2,401	41,083	21,260	6,783	5,465
73,486	2,443	39,225	20,459	6,040	5,319
77,978	2,284	41,836	21,688	6,825	5,345
73,541	2,318	38,852	20,908	6,072	5,391
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
575,863	(3)			(4)	
x579,327	...	399,603	119,124	56,909	227
501,964	6,785	x408,547	102,155	61,556	284
	4,503	371,449	80,241	45,385	386
1,155,190	6,785	808,150	221,279	118,465	511
1,070,839	7,120	802,762	163,558	96,565	834
AVERAGE, 1926 = 100)					
July	August	September	October	November	December
<u>OUTPUT</u>					
233.67	231.12	227.81	224.27	230.21	231.83
212.28	218.31	223.61	220.89	226.49	221.63
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
202.60	203.38	204.53	197.80	196.34	192.73
196.91	199.76	198.95	194.08	194.14	193.50

No allowance is made for the effect of holidays, Sundays or Saturdays, etc.  
New Brunswick only. 4/ Manitoba only.

# OUTPUT OF CENTRAL ELECTRIC STATIONS

(Thousands of Kilowatt Hours)

Month	1935	1936	1937	1938	1939
January	2,012,742	2,091,497	2,317,906	2,281,299	2,386,771
February	1,803,447	1,938,978	2,146,578	2,057,598	2,213,938
Sub Total	3,816,189	4,030,475	4,464,484	4,338,897	4,600,709
March	1,943,555	2,135,640	2,412,259	2,258,197	
April	1,881,029	2,164,628	2,322,884	2,063,801	
May	1,923,071	2,083,363	2,301,167	2,081,935	
June	1,816,250	2,028,980	2,255,338	1,973,155	
July	1,791,544	2,021,147	2,188,055	1,987,774	
August	1,851,153	2,020,416	2,197,725	2,075,901	
September	1,919,213	2,041,423	2,204,291	2,163,645	
October	2,162,569	2,280,508	2,365,052	2,329,428	
November	2,143,314	2,261,979	2,414,676	2,375,661	
December	2,156,525	2,325,733	2,457,996	2,349,844	
TOTAL	23,404,412	25,394,292	27,593,927	25,998,238	

## EXPORTS TO THE UNITED STATES

January	113,878	118,050	134,931	157,532	166,915
February	109,524	110,684	138,041	123,094	153,491
Sub Total	223,402	228,734	272,972	280,626	320,406
March	103,957	125,921	172,695	144,091	
April	97,475	125,496	164,250	135,616	
May	94,256	130,530	161,033	155,292	
June	107,994	157,871	158,657	158,313	
July	93,348	157,543	164,057	159,349	
August	130,305	143,342	162,617	149,493	
September	142,177	125,127	143,441	151,691	
October	146,530	129,323	142,736	165,455	
November	112,305	126,152	145,549	165,299	
December	112,838	128,070	159,093	161,290	
TOTAL	1,364,587	1,578,109	1,847,100	1,826,515	

## OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January	1,344,646	1,413,216	1,474,787	1,554,892	1,640,530
February	1,193,820	1,298,872	1,344,387	1,432,541	1,484,584
Sub Total	2,538,466	2,712,088	2,819,174	2,987,433	3,125,114
March	1,321,545	1,387,512	1,532,912	1,569,139	
April	1,267,776	1,353,605	1,510,508	1,477,217	
May	1,304,893	1,371,404	1,519,545	1,502,741	
June	1,245,659	1,353,080	1,496,283	1,457,978	
July	1,270,867	1,359,445	1,510,365	1,467,938	
August	1,306,710	1,386,797	1,543,699	1,516,244	
September	1,317,312	1,417,821	1,573,502	1,530,546	
October	1,415,896	1,533,075	1,655,879	1,624,738	
November	1,394,955	1,481,813	1,632,494	1,614,215	
December	1,411,097	1,516,702	1,629,452	1,635,997	
TOTAL	15,795,176	16,373,342	18,423,813	18,384,186	

x - Revised.

Published by Authority of HON. W. D. Euler, M.P.,  
Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
OTTAWA

No. 3

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)  
Chief, Transportation and Public Utilities Branch, G. S. Wrong, B.Sc.

OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

MARCH, 1939

Central Electric Stations in Canada produced 2,366,532,000 kilowatt hours in March compared with 2,258,197,000 kilowatt hours in March, 1938 and 2,412,259,000 kilowatt hours in March 1937.

The decrease from the peak in 1937 was all in secondary and off peak power. Firm power production computed by deducting secondary power for electric boilers and off peak and surplus power exported to the United States was 1,737,237,000 kilowatt hours in 1939, 1,683,407,000 kilowatt hours in 1938 and 1,651,793,000 kilowatt hours in 1937.

Total exports to the United States amounted to 165,422,000 kilowatt hours compared with 144,091,000 kilowatt hours a year ago. Deliveries of secondary power to electric boilers increased from 544,966,000 kilowatt hours in 1938 to 587,329,000 kilowatt hours, increases being made in Ontario and Manitoba and decreases in Quebec, New Brunswick and British Columbia.

Firm power consumption increased from 1,532,912,000 kilowatt hours in March, 1937 and 1,569,139,000 kilowatt hours in March, 1938 to a new high for March at 1,613,781,000 kilowatt hours and the index number rose to 201.80, the highest reached since September 1937.



# OUTPUT OF CENTRAL ELECTRIC STATIONS<sup>1/</sup>

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>MONTHLY OUTPUTS</u>						
<u>Generated by Water Power</u>						
Mar., 1939	2,329,542	50,735	1,282,071	667,495	179,997	149,244
Feb., 1939	x2,174,972	44,420	1,194,388	x620,575	170,641	144,924
Mar., 1938	2,221,777	54,660	1,224,640	627,672	152,795	162,010
<u>Generated by Fuel</u>						
Mar., 1939	36,990	14,341	377	...	21,805	46
Feb., 1939	38,993	15,916	328	...	21,768	98
Mar., 1938	36,420	15,847	318	30	20,090	13
<u>Total Output</u>						
Mar., 1939	2,366,532	65,076	1,282,448	667,495	201,802	149,710
Feb., 1939	x2,213,965	60,336	1,194,716	x620,575	192,409	145,922
Mar., 1938	2,258,197	70,507	1,224,958	627,702	172,887	162,144
<u>Total to Date</u>						
1939	6,967,268	199,855	3,750,750	1,947,133	604,479	465,059
1938	6,597,094	207,277	3,517,228	1,861,247	531,150	480,199
<u>PROVINCIAL CONSUMPTIONS</u> 1/						
Mar., 1939	2,201,110	63,160	977,597	808,957	203,305	148,091
Feb., 1939	x2,060,474	58,996	x914,783	x748,475	193,799	144,422
Mar., 1938	2,114,106	68,937	966,513	743,722	174,293	160,641
<u>Total to Date</u>						
1939	6,481,441	195,070	2,868,202	2,349,007	608,926	460,233
1938	6,172,317	202,968	2,758,368	2,200,012	535,415	475,611

## INDEX NUMBERS

	January	February	March	April	May	June
						<u>TOTAL</u>
1937	223.35	225.22	237.66	239.32	232.28	239.32
1938	219.82	215.88	222.48	212.63	210.15	209.82
1939	229.99	232.29	233.15			
<u>OUTPUT LESS EXPORTS AND</u>						
1937	180.22	180.02	191.69	198.08	195.08	200.00
1938	190.01	191.82	196.22	193.72	192.93	195.00
1939	x200.99	x199.28	201.80			

1/ Production plus provincial imports less provincial exports.

x Revised

<sup>1/</sup> Thousand of Kilowatt Hours

# OUTPUT OF CENTRAL ELECTRIC STATIONS<sup>2/</sup>

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS 2/</u>					
75,146	1,637	41,357	21,532	5,806	4,814
77,676	1,586	42,657	22,162	6,094	5,177
71,670	1,763	39,504	20,248	4,929	5,220
1,193	463	12	...	703	15
1,393	569	12	...	777	35
1,174	511	10	1	648	4
76,339	2,100	41,369	21,532	6,509	4,829
79,069	2,155	42,669	22,162	6,871	5,212
72,844	2,274	39,514	20,249	5,577	5,230
77,414	2,221	41,675	21,635	6,716	5,167
73,300	2,303	39,080	20,680	5,902	5,335
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
587,329	(3)	401,031	128,722	(4)	261
x572,203	...	x395,943	119,124	57,315	227
544,966	3,042	417,375	81,795	56,909	317
1,734,614	6,785	1,201,276	350,001	175,780	772
1,615,805	10,162	1,220,137	245,353	139,002	1,151

AVERAGE, 1926 = 100)

July	August	September	October	November	December
<u>OUTPUT</u>					
233.67	231.12	227.81	224.27	230.21	231.83
212.28	218.31	223.61	220.89	226.49	221.63
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
202.60	203.38	204.53	197.80	196.34	192.73
196.91	199.76	198.95	191.08	194.14	193.50

2/ No allowance is made for the effect of holidays, Sundays or Saturdays, etc.  
3/ New Brunswick only. 4/ Manitoba only.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1935	1936	1937	1938	1939
January	2,012,742	2,091,497	2,317,906	2,281,299	2,386,771
February	1,803,447	1,938,978	2,146,578	2,057,598	x2,213,965
March	1,943,555	2,135,640	2,412,259	2,258,197	2,366,532
Sub Total	5,759,744	6,166,115	6,876,743	6,597,094	6,967,268
April	1,881,029	2,164,628	2,322,884	2,063,801	
May	1,923,071	2,083,363	2,301,167	2,081,935	
June	1,816,250	2,028,980	2,255,338	1,973,155	
July	1,791,544	2,021,147	2,188,055	1,987,774	
August	1,851,153	2,020,416	2,197,725	2,075,901	
September	1,919,213	2,041,423	2,204,291	2,163,645	
October	2,162,569	2,280,508	2,365,052	2,329,428	
November	2,143,314	2,261,979	2,414,676	2,375,661	
December	2,156,525	2,325,733	2,457,996	2,349,844	
TOTAL	23,404,412	25,394,292	27,583,927	25,998,238	

EXPORTS TO THE UNITED STATES

January	113,878	118,050	134,931	157,532	166,915
February	109,524	110,684	138,041	123,094	153,491
March	103,957	125,921	172,695	144,091	165,422
Sub Total	327,359	354,655	445,667	424,717	485,828
April	97,475	125,496	164,250	135,616	
May	94,256	130,530	161,033	155,292	
June	107,994	157,871	158,657	158,313	
July	93,348	157,543	164,057	159,349	
August	130,305	143,342	162,617	149,493	
September	142,177	125,127	143,441	151,691	
October	146,530	129,323	142,736	165,455	
November	112,305	126,152	145,549	165,299	
December	112,838	128,070	159,093	161,290	
TOTAL	1,364,587	1,578,109	1,847,100	1,826,515	

OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January	1,344,646	1,413,216	1,474,787	1,554,892	x1,644,771
February	1,193,820	1,298,872	1,344,387	1,432,541	x1,488,271
March	1,321,545	1,387,512	1,532,912	1,569,139	1,613,781
Sub Total	3,860,011	4,099,600	4,352,086	4,556,572	4,746,828
April	1,267,776	1,353,605	1,510,508	1,477,217	
May	1,304,893	1,371,404	1,519,545	1,502,741	
June	1,245,659	1,353,080	1,496,283	1,457,978	
July	1,270,867	1,359,445	1,510,365	1,467,938	
August	1,306,710	1,386,797	1,543,699	1,516,244	
September	1,317,312	1,417,821	1,573,502	1,530,546	
October	1,415,896	1,533,075	1,655,879	1,624,738	
November	1,394,955	1,481,813	1,632,494	1,614,215	
December	1,411,097	1,516,702	1,629,452	1,635,997	
Total	15,795,176	16,873,342	18,423,813	18,384,186	

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57-001

DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
OTTAWA

No. 4

Dominion Statistician, R. H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)  
Chief, Transportation and Public Utilities Branch, G. S. Wong, B.Sc.

OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

APRIL, 1939

The output of central electric stations for April amounted to 2,197,171,000 kilowatt hours compared with 2,063,801,000 kilowatt hours in April last year and 2,366,532,000 kilowatt hours for March and the index number dropped from 233.15 for March to 226.48.

Consumption of firm power decreased from 1,613,781,000 kilowatt hours in March to 1,559,933,000 kilowatt hours but the index number adjusted for seasonal variations due to the unequal length of the months and other factors, rose from 201.80 to a new high at 204.57. The previous high record was 204.53 made in September 1937. The adjustment in the index numbers does not take care of five Sundays and five Saturdays in April this year. These are days on which the consumption of firm power is lighter than on other days.

Deliveries of secondary power dropped from 587,329,000 kilowatt hours in March to 495,714,000 kilowatt hours, and exports to the United States declined from 165,422,000 kilowatt hours in March to 141,523,000 kilowatt hours.

The returns for 1938 have been checked and approved or revised by each reporting station and this issue contains the corrections for the entire year. The largest corrections were in secondary power for electric boilers which in a few cases had been overstated.

23/5/39

# OUTPUT OF CENTRAL ELECTRIC STATIONS

Thousand of Kilowatt Hours

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>MONTHLY OUTPUTS</u>						
<u>Generated by Water Power</u>						
April, 1939	2,163,890	51,310	1,169,572	621,854	161,439	159,715
March, 1939	2,329,542	50,735	1,282,071	667,495	179,997	149,244
April, 1938	2,030,477	52,908	1,077,792	593,366	149,548	156,863
<u>Generated by Fuel</u>						
April, 1939	33,281	13,365	338	...	19,442	136
March, 1939	36,990	14,341	377	...	21,805	467
April, 1938	33,324	14,599	315	34	18,259	117
<u>Total Output</u>						
April, 1939	2,197,171	64,675	1,169,910	621,854	180,881	159,851
March, 1939	2,366,532	65,076	1,282,448	667,495	201,802	149,711
April, 1938	2,063,801	67,507	1,078,107	593,400	167,807	156,980
<u>Total to Date</u>						
1939	9,164,439	264,530	4,920,660	2,568,987	785,360	624,902
1938	8,663,287	278,645	4,593,865	2,454,648	698,957	637,172
<u>PROVINCIAL CONSUMPTIONS 1/</u>						
April, 1939	2,055,648	63,360	887,709	763,950	182,249	158,380
March, 1939	2,201,110	63,160	977,597	808,957	203,305	148,091
April, 1938	1,928,184	66,087	847,581	689,822	169,193	155,501
<u>Total to Date</u>						
1939	8,537,089	258,430	3,755,911	3,112,957	791,175	618,616
1938	8,102,953	272,916	3,604,481	2,839,834	704,608	631,114

## INDEX NUMBERS

	January	February	March	April	May	June
						<u>TOTAL</u>
1937	223.35	225.22	237.66	239.32	232.28	<u>239.83</u>
1938	X 220.06	215.88	222.48	212.63	210.15	<u>209.82</u>
1939	229.99	232.29	<u>233.15</u>	226.48		
					<u>OUTPUT LESS</u>	<u>EXPORTS AND</u>
1937	180.22	180.02	191.69	198.08	195.08	200.48
1938	X 190.46	X 192.28	X 196.71	X 194.12	X 193.33	X 197.01
1939	200.99	199.28	<u>201.30</u>	<u>204.57</u>		

1/ Production plus provincial imports less provincial exports.

X Revised

# OUTPUT OF CENTRAL ELECTRIC STATIONS

Thousand of Kilowatt Hours

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS 2/</u>					
72,130	1,710	38,986	20,728	5,382	5,324
75,146	1,637	41,357	21,532	5,806	4,814
67,683	1,764	35,926	19,779	4,985	5,229
1,109	446	11	...	648	4
1,193	463	12	...	703	15
1,111	487	10	1	609	4
73,239	2,156	38,997	20,728	6,030	5,328
76,339	2,100	41,369	21,532	6,509	4,829
68,794	2,251	35,936	19,780	5,594	5,233
76,370	2,204	41,005	21,408	6,545	5,208
72,194	2,322	38,282	20,455	5,825	5,310
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
495,714	(3) 1,100	336,747	111,307	(4) 46,329	232
587,329	...	401,031	128,722	57,315	261
447,901	5,066	324,831	77,372	40,336	296
2,230,328	7,885	1,538,023	461,308	222,109	1,004
2,055,007	15,228	1,536,263	322,733	179,337	1,446

(AVERAGE, 1926 = 100)

July	August	September	October	November	December
<u>OUTPUT</u>					
233.67	231.12	227.81	224.27	230.21	231.83
212.28	218.31	X 224.10	X 221.27	<u>226.49</u>	X 221.95
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
202.60	203.38	<u>204.53</u>	197.80	196.34	192.73
X 196.70	X <u>200.06</u>	X 199.84	X 194.89	X 194.51	X 193.98

- 2/ No allowance is made for the effect of holidays, Sundays or Saturdays, etc.  
3/ New Brunswick only. 4/ Manitoba only.



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1935	1936	1937	1938	1939
January	2,012,742	2,091,497	2,317,906	X 2,283,691	2,386,771
February	1,803,447	1,938,978	2,146,578	2,057,598	2,213,965
March	1,943,555	2,135,640	2,412,259	2,258,197	2,366,532
April	1,881,029	2,164,628	2,322,884	2,063,801	2,197,171
Sub Total	7,640,773	8,330,743	9,199,627	8,663,287	9,164,439
May	1,923,071	2,083,363	2,301,167	2,081,935	
June	1,816,250	2,028,980	2,255,338	1,973,155	
July	1,791,544	2,021,147	2,188,055	1,987,774	
August	1,851,153	2,020,416	2,197,725	2,075,901	
September	1,919,213	2,041,423	2,204,291	X 2,168,435	
October	2,162,569	2,280,508	2,365,052	X 2,333,461	
November	2,143,314	2,261,979	2,414,676	2,375,661	
December	2,156,525	2,325,733	2,457,996	X 2,353,196	
TOTAL	23,404,412	25,394,292	27,583,927	X 26,012,805	

EXPORTS TO THE UNITED STATES

January	113,878	118,050	134,931	157,532	166,915
February	109,524	110,684	138,041	123,094	153,491
March	103,957	125,921	172,695	144,091	165,422
April	97,475	125,496	164,250	135,616	141,523
Sub Total	424,834	480,151	609,917	560,333	627,351
May	94,256	130,530	161,033	155,292	
June	107,994	157,371	158,657	158,313	
July	93,348	157,543	164,057	159,349	
August	130,305	143,342	162,617	149,493	
September	142,177	125,127	143,441	151,691	
October	146,530	129,323	142,736	165,455	
November	112,305	126,152	145,549	165,299	
December	112,838	128,070	159,093	161,290	
TOTAL	1,364,587	1,578,109	1,847,100	1,826,515	

OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January	1,344,646	1,413,216	1,474,787	X 1,558,575	1,644,775
February	1,193,820	1,298,872	1,344,387	X 1,435,998	1,488,272
March	1,321,545	1,387,512	1,532,912	X 1,573,090	1,613,781
April	1,267,776	1,353,605	1,510,508	X 1,480,284	1,559,933
Sub Total	5,127,787	5,453,205	5,861,594	6,047,947	6,306,761
May	1,304,893	1,371,404	1,519,545	X 1,505,826	
June	1,245,659	1,353,080	1,496,283	X 1,470,027	
July	1,270,867	1,359,445	1,510,365	X 1,466,399	
August	1,306,710	1,386,797	1,543,699	X 1,518,479	
September	1,317,312	1,417,821	1,573,502	X 1,537,426	
October	1,415,896	1,533,075	1,655,879	X 1,631,513	
November	1,394,955	1,481,813	1,632,494	X 1,617,311	
December	1,411,097	1,516,702	1,629,452	X 1,640,012	
TOTAL	15,795,176	16,873,342	18,423,813	X 18,434,940	

X - Revised.

DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
OTTAWA

No. 5

Dominion Statistician, R. H. Coats, LL.D., F.R.S.C., F.S.S. (Hon)  
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

MAY, 1939

Central electric stations produced 2,333,235,000 kilowatt hours during May. This was 12.1 per cent over May, 1938 output, 1.4 per cent over the May, 1937 output and was the highest May output on record. The index number, adjusted for seasonal variations, rose to 235.52 which was exceeded only in April and June, 1937.

Exports to the United States amounted to 164,520,000 kilowatt hours compared with 155,292,000 kilowatt hours last year and 141,523,000 kilowatt hours in April.

Deliveries of secondary power to electric boilers increased from 495,714,000 kilowatt hours in April to 545,067,000 kilowatt hours, the increase in Quebec being 58,427,000 kilowatt hours or 17.4 per cent. The consumption of firm power, computed by subtracting exports and secondary power deliveries to boilers from total output, rose from 1,559,933,000 kilowatt hours in April and 1,505,826,000 kilowatt hours in May last year to 1,623,648,000 kilowatt hours and the index number rose to a new high at 208.45. The previous high points were 204.57 for April, 1939 and 204.53 for September, 1937.

20/6/39

Price per year 50 cents.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
Thousand of Kilowatt Hours

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>MONTHLY OUTPUTS</u>						
<u>Generated by Water Power</u>						
May, 1939	2,298,531	60,186	1,260,850	657,326	155,941	164,230
April, 1939	2,163,890	51,310	1,169,572	621,854	161,439	159,715
May, 1938	2,049,165	54,537	1,063,386	617,048	150,304	163,890
<u>Generated by Fuel</u>						
May, 1939	34,704	14,067	340	...	20,157	1,140
April, 1939	33,281	13,365	338	...	19,442	1,140
May, 1938	32,770	13,922	308	24	18,399	1,140
<u>Total Output</u>						
May, 1939	2,333,235	74,253	1,261,190	657,326	176,098	164,300
April, 1939	2,197,171	64,675	1,169,910	621,854	180,881	159,800
May, 1938	2,081,935	68,459	1,063,694	617,072	168,703	164,000
<u>Total to Date</u>						
1939	11,497,674	338,783	6,181,850	3,226,313	961,458	789,200
1938	10,745,222	347,104	5,657,559	3,071,720	867,660	801,100
<u>PROVINCIAL CONSUMPTIONS 1/</u>						
May, 1939	2,168,714	72,782	961,319	794,254	177,551	162,810
April, 1939	2,055,648	63,360	887,709	763,950	182,249	158,300
May, 1938	1,926,643	67,150	835,803	691,076	170,251	162,300
<u>Total to Date</u>						
1939	10,705,803	331,212	4,717,230	3,907,211	968,726	781,400
1938	10,029,596	340,066	4,440,284	3,580,910	874,859	793,400

INDEX NUMBERS

	January	February	March	April	May	June
						<u>TOTAL</u>
1939	223.35	225.22	237.66	239.32	232.28	239.00
1938	220.06	215.88	222.48	212.63	210.15	209.00
1939	229.99	232.29	233.15	X 226.37	235.52	
<u>OUTPUT LESS EXPORTS AND IMPORTS</u>						
1937	180.22	180.02	191.69	198.08	195.08	200.00
1938	190.46	192.28	196.71	194.12	193.33	197.00
1939	200.99	199.28	201.80	204.57	208.45	

1/ Production plus provincial imports less provincial exports.  
X Revised



OUTPUT OF CENTRAL ELECTRIC STATIONS  
Thousand of Kilowatt Hours

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS 2/</u>					
74,146	1,941	40,673	21,204	5,030	5,298
72,130	1,710	38,986	20,728	5,382	5,324
66,102	1,759	34,303	19,905	4,848	5,287
1,119	454	11	...	650	4
1,109	446	11	...	648	4
1,057	449	10	1	593	4
75,265	2,395	40,684	21,204	5,680	5,302
73,239	2,156	38,997	20,728	6,030	5,328
67,159	2,208	34,313	19,906	5,441	5,291
76,143	2,244	40,939	21,366	6,367	5,227
71,160	2,299	37,467	20,342	5,746	5,306
(3) <u>DELIVERIES TO ELECTRIC BOILERS</u>			(4)		
545,067	1,722	395,174	109,587	38,298	286
495,714	1,100	336,747	111,307	46,329	232
420,817	8,914	307,880	69,136	34,605	282
2,775,395	9,607	1,933,197	570,895	260,407	1,290
2,475,824	24,142	1,844,143	391,869	213,942	1,728

(AVERAGE, 1926 = 100)

July	August	September	October	November	December
<u>OUTPUT</u>					
233.67	231.12	227.81	224.27	230.21	231.83
212.28	218.31	224.10	221.27	<u>226.49</u>	221.95
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
202.60	203.38	<u>204.53</u>	197.80	196.34	192.73
196.70	<u>200.06</u>	199.84	194.89	194.51	193.98

/ No allowance is made for the effect of holidays, Sundays or Saturdays, etc.  
/ New Brunswick only. 4/ Manitoba only.

# OUTPUT OF CENTRAL ELECTRIC STATIONS

(Thousands of Kilowatt Hours)

Month	1935	1936	1937	1938	1939
January	2,012,742	2,091,497	2,317,906	2,283,691	2,386,771
February	1,803,447	1,938,978	2,146,578	2,057,598	2,213,965
March	1,943,555	2,135,640	2,412,259	2,258,197	2,366,532
April	1,881,029	2,164,628	2,322,884	2,063,801	2,197,171
May	1,923,071	2,083,363	2,301,167	2,081,935	2,333,235
Sub Total	9,563,844	10,414,106	11,500,794	10,745,222	11,497,674
June	1,816,250	2,028,980	2,255,338	1,973,155	
July	1,791,544	2,021,147	2,188,055	1,987,774	
August	1,851,153	2,020,416	2,197,725	2,075,901	
September	1,919,213	2,041,423	2,204,291	2,168,435	
October	2,162,569	2,280,508	2,365,052	2,333,461	
November	2,143,314	2,261,979	2,414,676	2,375,661	
December	2,156,525	2,325,753	2,457,996	2,353,196	
TOTAL	23,404,412	25,394,292	27,583,927	26,012,805	

## EXPORTS TO THE UNITED STATES

January	113,878	118,050	134,931	157,532	166,915
February	109,524	110,684	138,041	123,094	153,491
March	103,957	125,921	172,695	144,091	165,422
April	97,475	125,496	164,250	135,616	141,523
May	94,256	130,530	161,033	155,292	164,520
Sub Total	519,090	610,681	770,950	715,625	791,871
June	107,994	157,871	158,657	158,313	
July	93,348	157,543	164,057	159,349	
August	130,305	143,342	162,617	149,493	
September	142,177	125,127	143,441	151,691	
October	146,530	129,323	142,736	165,455	
November	112,305	126,152	145,549	165,299	
December	112,838	128,070	159,093	161,290	
TOTAL	1,364,587	1,578,109	1,847,100	1,826,515	

## OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January	1,344,646	1,413,216	1,474,787	1,558,575	1,644,775
February	1,193,820	1,298,872	1,344,387	1,435,998	1,488,272
March	1,321,545	1,387,512	1,532,912	1,573,090	1,613,781
April	1,267,776	1,353,605	1,510,508	1,480,284	1,559,933
May	1,304,893	1,371,404	1,519,545	1,505,826	1,623,648
Sub Total	6,432,680	6,824,609	7,381,139	7,553,773	7,930,409
June	1,245,659	1,353,080	1,496,283	1,470,027	
July	1,270,867	1,359,445	1,510,365	1,466,399	
August	1,306,710	1,386,797	1,543,699	1,518,479	
September	1,317,312	1,417,821	1,573,502	1,537,426	
October	1,415,896	1,533,075	1,655,879	1,631,513	
November	1,394,955	1,481,813	1,632,494	1,617,311	
December	1,411,097	1,516,702	1,629,452	1,640,012	
TOTAL	16,795,176	16,873,342	18,423,813	18,434,940	

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DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
OTTAWA

No. 6.

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Dominion Statistician, R. H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)  
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

JUNE, 1939

Central electric stations produced during June 2,245,329,000 kilowatt hours for sale. This was an increase of 13.4 per cent over the June 1938 output and the index number adjusted for seasonal variations rose to 238.77 compared with 235.52 for May and the peak of 239.83 made in June 1937.

Exports to the United States amounted to 163,063,000 kilowatt hours, compared with 158,313,000 kilowatt hours in 1938.

Deliveries of secondary power to electric boilers rose from 344,815,000 kilowatt hours last year to 495,510,000 kilowatt hours.

The consumption of firm power, computed by deducting exports and deliveries to boilers from the total output, amounted to 1,586,756,000 kilowatt hours compared with 1,623,648,000 kilowatt hours for May and 1,470,027 kilowatt hours for June last year. After adjustment for the unequal number of days in the months and other seasonal factors the index number rose to a new high at 212.60, exceeding the peak of 208.45 for May this year by 4.15 points.

24/7/39.

Price per year 50 cents.



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>MONTHLY OUTPUTS</u>						
<u>Generated by Water Power</u>						
June, 1939	2,209,398	62,491	1,211,302	637,696	137,269	160,640
May, 1939	2,298,531	60,186	1,260,850	657,326	155,941	164,228
June, 1938	1,939,562	59,274	1,018,653	585,107	128,218	148,310
<u>Generated by Fuel</u>						
June, 1939	35,931	15,790	337	...	19,671	133
May, 1939	34,704	14,067	340	...	20,157	140
June, 1938	33,593	14,803	308	22	18,345	115
<u>Total Output</u>						
June, 1939	2,245,329	78,281	1,211,639	637,696	156,940	160,773
May, 1939	2,333,235	74,253	1,261,190	657,326	176,098	164,368
June, 1938	1,973,155	74,077	1,018,961	585,129	146,563	148,425
<u>Total to Date</u>						
1939	13,743,003	417,064	7,393,489	3,864,009	1,118,398	950,043
1938	12,718,377	421,181	6,676,520	3,656,849	1,014,223	949,604
<u>PROVINCIAL CONSUMPTIONS 1/</u>						
June, 1939	2,082,266	76,803	924,956	762,901	158,363	159,243
May, 1939	2,168,714	72,782	961,319	794,254	177,551	162,808
June, 1938	1,814,342	72,917	789,703	657,336	148,137	146,749
<u>Total to Date</u>						
1939	12,787,069	408,015	5,642,185	4,669,112	1,127,090	940,667
1938	11,844,438	412,983	5,229,987	4,238,246	1,022,996	940,226

INDEX NUMBERS

	January	February	March	April	May	June
						<u>TOTAL</u>
1937	223.35	225.22	237.66	239.32	232.28	239.83
1938	220.06	215.88	222.48	212.63	210.15	209.82
1939	229.99	232.29	233.15	226.37	235.52	238.77
<u>OUTPUT LESS EXPORTS AND</u>						
1937	180.22	180.02	191.69	198.08	195.08	200.48
1938	190.46	192.28	196.71	194.12	193.33	197.01
1939	200.99	199.28	201.80	204.57	208.45	212.60

1/ Production plus provincial imports less provincial exports.  
3/ New Brunswick only.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS 2/</u>					
73,647	2,083	40,377	21,257	4,575	5,355
74,146	1,941	40,673	21,204	5,030	5,298
64,652	1,976	33,955	19,503	4,274	4,944
1,197	526	11	000	656	4
1,119	454	11	000	650	4
1,120	493	10	1	612	4
74,844	2,609	40,388	21,257	5,231	5,359
75,265	2,395	40,684	21,204	5,680	5,302
65,772	2,416	33,965	19,504	4,886	4,948
75,928	2,304	40,848	21,348	6,179	5,249
70,267	2,327	36,887	20,204	5,603	5,246
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
	(3)			(4)	
495,510	4,576	370,695	95,028	24,969	242
545,067	1,722	395,174	109,587	38,298	286
344,815	11,174	258,031	60,112	15,190	308
3,270,905	14,183	2,303,892	665,922	285,376	1,532
2,280,639	35,316	2,102,174	451,981	229,132	2,036

(AVERAGE, 1926 = 100)

July	August	September	October	November	December
<u>OUTPUT</u>					
233.67	231.12	227.81	224.27	230.21	231.83
212.28	218.31	224.10	221.27	<u>226.49</u>	221.95
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
202.60	203.38	<u>204.53</u>	197.80	196.34	192.73
196.70	<u>200.06</u>	199.84	194.89	194.51	193.98

2/ No allowance is made for the effect of holidays, Sundays or Saturdays, etc.  
4/ Manitoba only.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1935	1936	1937	1938	1939
January	2,012,742	2,091,497	2,317,906	2,283,691	2,386,771
February	1,803,447	1,938,978	2,146,578	2,057,598	2,213,965
March	1,943,555	2,135,640	2,412,259	2,258,197	2,366,532
April	1,881,029	2,164,628	2,322,884	2,063,801	2,197,171
May	1,923,071	2,083,363	2,301,167	2,081,935	2,333,235
June	1,816,250	2,028,980	2,255,338	1,973,155	2,245,329
Sub Total	11,380,094	12,497,469	13,756,132	12,718,377	13,743,003
July	1,791,544	2,021,147	2,188,055	1,987,774	
August	1,851,153	2,020,416	2,197,725	2,075,901	
September	1,919,213	2,041,423	2,204,291	2,168,435	
October	2,162,569	2,280,508	2,365,052	2,333,461	
November	2,143,314	2,261,979	2,414,676	2,375,661	
December	2,156,525	2,325,753	2,457,996	2,353,196	
TOTAL	23,404,412	25,394,292	27,583,927	26,012,805	
EXPORTS TO THE UNITED STATES					
January	113,878	118,050	134,931	157,532	166,915
February	109,524	110,684	138,041	123,094	153,491
March	103,957	125,921	172,695	144,091	165,422
April	97,475	125,496	164,250	135,616	141,523
May	94,256	130,530	161,033	155,292	164,520
June	107,994	157,871	158,657	158,313	163,063
Sub Total	201,342	768,552	929,607	873,938	954,934
July	93,348	157,543	164,057	159,349	
August	130,305	143,342	162,617	149,493	
September	142,177	125,127	143,441	151,891	
October	146,530	129,323	142,736	165,455	
November	112,506	125,152	145,549	165,299	
December	112,838	128,070	159,093	161,290	
TOTAL	1,364,587	1,578,109	1,847,100	1,826,515	
OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS					
January	1,344,646	1,413,216	1,474,787	1,558,575	1,644,775
February	1,193,820	1,298,872	1,344,387	1,435,998	1,488,272
March	1,321,545	1,387,512	1,532,912	1,573,090	1,613,781
April	1,267,776	1,353,605	1,510,508	1,480,284	1,559,933
May	1,304,893	1,371,404	1,519,545	1,505,826	1,623,648
June	1,245,659	1,353,080	1,496,283	1,470,027	1,586,756
Sub Total	7,678,339	8,177,689	8,877,422	9,023,800	9,517,165
July	1,270,867	1,359,445	1,510,365	1,466,399	
August	1,306,710	1,386,797	1,543,699	1,518,479	
September	1,317,312	1,417,821	1,573,502	1,537,426	
October	1,415,896	1,533,075	1,655,879	1,631,513	
November	1,394,955	1,481,813	1,632,494	1,617,311	
December	1,411,097	1,516,702	1,629,452	1,640,012	
TOTAL	15,795,176	16,873,342	18,423,813	18,434,940	



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DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
OTTAWA

No. 7.

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Dominion Statistician, R. H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)  
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA,

JULY, 1939.

Central electric stations produced 2,204,965,000 kilowatt hours during July, compared with 1,987,774,000 kilowatt hours in 1938 and 2,245,329,000 kilowatt hours in June last. The index number dropped from 238.77 for June to 235.47.

Exports to the United States rose from 159,349,000 kilowatt hours in 1938 to 162,973,000 kilowatt hours, and deliveries of secondary power to electric boilers increased from 362,027,000 kilowatt hours in 1938 to 455,716,000 kilowatt hours.

Consumption of firm power, computed by deducting from total output the exports and deliveries to electric boilers, amounted to 1,586,275,000 kilowatt hours compared with 1,466,399,000 kilowatt hours in July last year and 1,586,756,000 kilowatt hours for June. After adjustment for seasonal variations the index number rose to a new high at 212.78; the previous high index number was 212.60 for June, 1939.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>MONTHLY OUTPUTS</u>						
<u>Generated by Water Power</u>						
July, 1939	2,167,695	60,591	1,187,568	625,633	129,381	164,722
June, 1939	2,209,398	62,491	1,211,302	637,696	137,269	160,640
July, 1938	1,954,478	57,103	1,029,679	579,540	127,310	160,847
<u>Generated by Fuel</u>						
July, 1939	37,270	16,343	365	...	20,397	165
June, 1939	35,931	15,790	337	...	19,671	133
July, 1938	33,295	14,210	323	...	18,638	124
<u>Total Output</u>						
July, 1939	2,204,965	76,934	1,187,933	625,633	149,778	164,887
June, 1939	2,245,329	78,281	1,211,639	637,696	156,940	160,773
July, 1938	1,987,774	71,313	1,030,002	579,540	145,948	160,971
<u>Total to Date</u>						
1939	15,947,468	495,096	8,581,222	4,489,642	1,268,176	1,114,930
1938	14,706,151	492,494	7,706,522	4,236,389	1,160,171	1,110,575
<u>PROVINCIAL CONSUMPTIONS 1/</u>						
July, 1939	2,041,992	75,436	911,721	740,291	151,318	163,226
June, 1939	2,082,266	76,803	924,956	762,901	158,363	159,243
July, 1938	1,828,426	70,197	795,747	655,679	147,383	159,421
<u>Total to Date</u>						
1939	14,829,061	483,461	6,553,907	5,409,403	1,278,407	1,103,893
1938	13,672,864	483,180	6,025,754	4,893,925	1,170,379	1,099,647
<u>INDEX NUMBERS</u>						
	January	February	March	April	May	June
						<u>TOTAL</u>
1937	223.35	225.22	237.66	239.32	232.28	<u>239.83</u>
1938	220.06	215.88	222.48	212.63	210.15	<u>209.82</u>
1939	229.99	232.29	233.15	226.37	235.52	<u>238.77</u>
<u>OUTPUT LESS EXPORTS AND</u>						
1937	180.21	180.02	191.69	198.08	195.08	200.48
1938	190.46	192.28	196.71	194.12	193.33	197.01
1939	200.99	199.28	201.80	204.57	208.45	212.60

1/ Production plus provincial imports less provincial exports.

3/ New Brunswick only.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS <sup>2/</sup></u>					
69,926	1,954	38,302	20,182	4,174	5,314
73,647	2,083	40,377	21,257	4,575	5,355
63,048	1,842	33,215	18,695	4,107	5,189
1,202	527	12	...	658	5
1,197	526	11	...	656	4
1,074	458	11	...	601	4
71,128	2,481	38,314	20,182	4,832	5,319
74,844	2,609	40,388	21,257	5,231	5,359
64,122	2,300	33,226	18,695	4,708	5,193
75,226	2,330	40,477	21,178	5,982	5,259
69,369	2,323	36,352	19,983	5,472	5,239
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
455,716	<sup>3/</sup> 4,130	343,120	88,148	<sup>4/</sup> 20,043	275
495,510	4,576	370,695	95,028	24,969	242
362,027	10,500	264,948	70,117	16,229	233
3,726,621	18,313	2,647,012	754,071	305,419	1,807
3,182,666	45,816	2,367,122	522,098	245,361	2,269
(AVERAGE, 1926 = 100)					
July	August	September	October	November	December
<u>OUTPUT</u>					
233.67	231.12	227.81	224.27	230.21	231.83
212.28	218.31	224.10	221.27	<u>226.49</u>	221.95
235.47					
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
202.60	203.38	<u>204.53</u>	197.80	196.34	192.73
196.70	<u>200.06</u>	199.84	194.89	194.51	193.98
<u>212.78</u>					

<sup>2/</sup> No allowance is made for the effect of holidays, Sundays or Saturdays, etc.

<sup>4/</sup> Manitoba only.



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1931	1934	1937	1938	1939
January	2,012,742	2,091,497	2,317,906	2,283,691	2,386,771
February	1,803,447	1,938,978	2,146,578	2,057,598	2,213,965
March	1,943,555	2,137,640	2,412,259	2,258,197	2,366,532
April	1,881,029	2,184,628	2,322,884	2,063,801	2,197,171
May	1,923,071	2,085,383	2,301,167	2,081,935	2,333,235
June	1,816,850	2,026,430	2,255,338	1,973,155	2,245,323
July	1,791,244	2,027,147	2,180,055	1,987,774	2,204,965
Sub Total	14,179,638	14,444,233	15,944,187	14,706,151	15,947,968
August	1,841,157	2,020,416	2,197,725	2,075,901	
September	1,919,313	2,041,423	2,204,791	2,168,435	
October	2,162,559	2,280,508	2,365,052	2,333,461	
November	2,143,314	2,261,979	2,414,676	2,375,661	
December	2,156,525	2,325,733	2,457,996	2,353,196	
TOTAL	25,404,417	25,394,094	27,566,927	26,012,806	

EXPORTS TO THE UNITED STATES

January	115,876	118,000	134,432	157,532	166,912
February	109,524	110,684	138,041	123,094	153,491
March	103,957	125,921	172,696	144,091	165,422
April	97,475	125,496	164,250	135,616	141,523
May	94,256	130,530	161,033	155,292	164,520
June	107,994	157,871	158,657	158,313	163,063
July	93,348	157,543	164,057	159,349	162,973
Sub Total	720,432	920,944	1,093,150	1,035,287	1,117,907
August	130,305	143,342	162,617	149,493	
September	142,177	125,127	143,441	151,691	
October	146,530	129,323	142,736	165,455	
November	112,305	126,152	145,549	165,299	
December	112,838	128,070	159,093	161,290	
TOTAL	1,264,155	1,576,108	1,647,100	1,825,417	

OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January	1,344,646	1,413,216	1,474,787	1,558,575	1,644,775
February	1,193,820	1,298,872	1,344,387	1,435,998	1,486,272
March	1,321,545	1,387,512	1,532,912	1,573,090	1,613,781
April	1,267,776	1,353,605	1,510,508	1,480,284	1,559,933
May	1,304,893	1,371,404	1,519,541	1,505,826	1,623,648
June	1,245,659	1,353,080	1,496,235	1,470,027	1,586,756
July	1,270,867	1,359,445	1,510,367	1,466,599	1,586,275
Sub Total	8,949,066	9,537,154	10,337,737	10,490,199	11,103,440
August	1,306,710	1,386,737	1,543,699	1,518,479	
September	1,317,312	1,417,821	1,570,502	1,537,425	
October	1,415,896	1,352,775	1,520,159	1,631,513	
November	1,394,955	1,481,815	1,652,454	1,617,311	
December	1,411,097	1,516,701	1,639,452	1,640,012	
TOTAL	15,796,136	16,635,342	18,425,615	18,434,940	

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DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
OTTAWA

No. 8

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Dominion Statistician, R. H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)  
Chief, Transportation and Public Utilities Branch, G. S. Wrong, B.Sc.

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA,

AUGUST, 1939

Central electric stations in Canada produced 2,291,425,000 kilowatt hours during August as against 2,205,189,000 kilowatt hours in July and 2,075,901,000 kilowatt hours in August last year. The index number, adjusted for seasonal variations, rose from 235.49 for July to 240.97 a new high.

Exports to the United States amounted to 177,834,000 kilowatt hours and deliveries of secondary power to electric boilers amounted to 473,858,000 kilowatt hours.

Total output less exports and secondary power delivered to electric boilers amounted to 1,639,732,000 kilowatt hours and the index number rose from 212.81 in July to 216.03.

25/9/39.

Price per year 50 cents.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>MONTHLY OUTPUTS</u>						
<u>Generated by Water Power</u>						
Aug., 1939	2,252,272	62,618	1,235,320	651,918	133,851	168,565
July, 1939	x 2,167,919	60,591	1,187,368	x 625,857	129,381	164,722
Aug., 1938	2,037,132	59,392	1,089,364	594,097	126,973	167,306
<u>Generated by Fuel</u>						
Aug., 1939	39,153	16,598	383	...	22,031	141
July, 1939	37,270	16,343	365	...	20,397	165
Aug., 1938	38,769	14,708	356	...	19,906	3,799
<u>Total Output</u>						
Aug., 1939	2,291,425	79,216	1,235,703	651,918	155,882	168,706
July, 1939	x 2,205,189	76,934	1,187,733	x 625,857	149,778	164,887
Aug., 1938	2,075,901	74,100	1,089,720	594,097	146,879	171,105
<u>Total to Date</u>						
1939	18,239,617	573,214	9,816,925	5,141,784	1,424,058	1,283,636
1938	16,782,052	566,594	8,796,242	4,830,486	1,307,050	1,281,680
<u>PROVINCIAL CONSUMPTIONS 1/</u>						
Aug., 1939	2,113,592	77,794	943,684	767,661	157,791	166,662
July, 1939	x 2,042,216	75,436	911,721	x 740,515	151,318	163,226
Aug., 1938	1,926,408	72,748	849,442	686,356	148,475	169,387
<u>Total to Date</u>						
1939	16,942,877	561,245	7,497,591	6,177,288	1,436,198	1,270,555
1938	15,599,272	555,928	6,875,176	5,580,281	1,318,854	1,269,034
<u>INDEX NUMBERS</u>						
	January	February	March	April	May	June
						<u>TOTAL</u>
1937	223.35	225.22	237.66	239.32	232.28	239.83
1938	220.06	215.88	222.48	212.63	210.15	209.82
1939	229.99	232.29	233.15	226.37	235.52	238.77
<u>OUTPUT LESS EXPORTS AND</u>						
1937	180.22	180.02	191.69	198.08	195.08	200.48
1938	190.46	192.28	196.71	194.12	193.33	197.01
1939	200.99	199.28	201.80	204.57	208.45	212.60

1/ Production plus provincial imports less provincial exports.

3/ New Brunswick only.

x Revised.



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS 2/</u>					
72,654	2,020	39,849	21,030	4,318	5,437
x 69,933	1,954	38,302	x 20,189	4,174	5,314
65,714	1,916	35,141	19,164	4,096	5,397
1,263	535	12	...	711	5
1,202	527	12	...	658	5
1,250	474	11	...	642	123
73,917	2,555	39,861	21,030	5,029	5,442
x 71,135	2,481	38,314	x 20,189	4,832	5,319
66,964	2,390	35,152	19,164	4,738	5,520
75,060	2,359	40,399	21,160	5,860	5,282
69,062	2,332	36,198	19,879	5,379	5,274
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
473,858	<u>3/</u> 8,985	352,030	93,600	<u>4/</u> 19,007	236
455,716	4,130	343,120	88,148	20,043	275
407,929	9,552	302,348	78,146	17,604	279
4,200,479	27,298	2,999,042	847,671	324,426	2,043
3,590,595	55,368	2,669,470	600,244	262,965	2,548
(AVERAGE, 1926 = 100)					
July	August	September	October	November	December
<u>OUTPUT</u>					
233.67	231.12	227.81	224.27	230.21	231.83
212.28	218.31	224.10	221.27	<u>226.49</u>	221.95
x 235.49	<u>240.97</u>				
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
202.60	203.38	<u>204.53</u>	197.80	196.34	192.73
196.70	<u>200.06</u>	199.84	194.89	194.51	193.98
x 212.81	<u>216.03</u>				

2/ No allowance is made for the effect of holidays, Sundays or Saturdays, etc.

4/ Manitoba only.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1935	1936	1937	1938	1939
January	2,012,742	2,091,497	2,317,906	2,283,691	2,386,771
February	1,803,447	1,938,978	2,146,578	2,057,598	2,213,965
March	1,943,555	2,135,640	2,412,259	2,258,197	2,366,532
April	1,881,029	2,164,628	2,322,884	2,063,801	2,197,171
May	1,923,071	2,083,363	2,301,167	2,081,935	2,333,235
June	1,816,250	2,028,980	2,255,338	1,973,155	2,245,329
July	1,791,544	2,021,147	2,188,055	1,987,774	x 2,205,189
August	1,851,153	2,020,416	2,197,725	2,075,901	2,291,425
Sub Total	15,022,791	16,484,649	18,141,912	16,782,052	18,239,617
September	1,919,213	2,041,423	2,204,291	2,168,435	
October	2,162,569	2,280,508	2,365,052	2,333,461	
November	2,143,314	2,261,979	2,414,676	2,375,661	
December	2,156,525	2,325,733	2,457,996	2,353,196	
TOTAL	23,404,412	25,394,292	27,583,927	26,012,805	

EXPORTS TO THE UNITED STATES

January	113,878	118,050	134,931	157,532	166,915
February	109,524	110,634	138,041	123,094	153,491
March	103,957	125,921	172,695	144,091	165,422
April	97,475	125,496	164,250	135,616	141,523
May	94,256	130,330	161,033	155,292	164,520
June	107,994	157,871	158,657	158,313	163,063
July	93,348	157,543	164,057	159,349	162,973
August	130,305	145,342	162,617	149,493	177,834
Sub Total	850,737	1,069,437	1,256,281	1,182,780	1,295,741
September	142,177	125,127	143,441	151,691	
October	146,530	129,323	142,736	165,455	
November	112,305	126,152	145,549	165,299	
December	112,838	128,070	159,093	161,290	
TOTAL	1,364,587	1,578,109	1,847,100	1,826,515	

OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January	1,344,646	1,413,216	1,474,787	1,558,575	1,644,775
February	1,193,820	1,298,872	1,344,387	1,435,998	1,488,272
March	1,321,545	1,387,512	1,532,912	1,573,090	1,613,781
April	1,267,776	1,353,605	1,510,508	1,480,284	1,559,933
May	1,304,893	1,371,404	1,519,545	1,505,826	1,623,648
June	1,245,659	1,353,080	1,496,283	1,470,027	1,586,756
July	1,270,867	1,359,445	1,510,365	1,466,399	x 1,586,499
August	1,306,710	1,386,797	1,543,699	1,518,479	1,639,732
Sub Total	10,255,916	10,923,931	11,932,486	12,008,678	12,743,396
September	1,317,312	1,417,821	1,573,502	1,537,426	
October	1,415,896	1,533,075	1,655,879	1,631,513	
November	1,394,955	1,481,813	1,632,494	1,617,311	
December	1,411,097	1,516,702	1,629,452	1,640,012	
TOTAL	15,795,176	16,873,342	18,423,813	18,434,940	

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Dominion Statistician, R. H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)  
Chief, Transportation and Public Utilities Branch, G. S. Wrong, B.Sc.

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA,

SEPTEMBER, 1939.

The output of central electric stations in Canada during September rose to 2,379,811,000 kilowatt hours from 2,168,435,000 kilowatt hours in 1938 and the index number adjusted for seasonal variations rose to a new high at 245.95.

Exports to the United States amounted to 159,713,000 kilowatt hours compared with 151,691,000 kilowatt hours in 1938 and deliveries of secondary power to electric boilers increased from 473,858,000 kilowatt hours in August and 479,318,000 kilowatt hours in September last year to 552,752,000 kilowatt hours.

The consumption of firm power, i.e., the output less exports to the United States and secondary power delivered to boilers, increased from 1,640,530,000 kilowatt hours in August and 1,537,426,000 kilowatt hours in September last year to 1,667,346,000 kilowatt hours, and this index number also rose to a new all-time high at 216.73.

23/10/39.

Price per year 50 cents.



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>MONTHLY OUTPUTS</u>						
<u>Generated by Water Power</u>						
September, 1939	2,336,675	57,842	1,264,515	696,931	146,953	170,434
August, 1939	x 2,252,316	62,618	1,235,320	651,918	133,851	x 168,609
September, 1938	2,128,568	58,140	1,140,106	628,387	140,530	161,405
<u>Generated by Fuel</u>						
September, 1939	43,136	19,122	398	...	23,423	198
August, 1939	x 39,907	x 17,352	383	...	22,031	141
September, 1938	39,867	15,793	349	...	21,652	2,073
<u>Total Output</u>						
September, 1939	2,379,811	76,964	1,264,903	696,931	170,381	170,632
August, 1939	x 2,292,223	x 79,970	1,235,703	651,918	155,882	x 168,750
September, 1938	2,168,435	73,933	1,140,455	628,387	162,182	163,478
<u>Total to Date</u>						
1939	20,620,226	650,932	11,081,828	5,838,715	1,594,439	1,454,312
1938	18,950,487	640,527	9,936,697	5,458,873	1,469,232	1,445,158
<u>PROVINCIAL CONSUMPTIONS 1/</u>						
September, 1939	2,220,098	75,600	981,045	822,560	171,868	169,025
August, 1939	x 2,114,388	x 78,548	943,684	767,661	x 157,790	x 166,705
September, 1938	2,016,744	72,493	898,888	719,821	163,479	162,063
<u>Total to Date</u>						
1939	19,163,771	637,599	8,478,636	6,999,848	1,608,065	1,439,623
1938	17,616,016	628,421	7,774,064	6,300,102	1,482,333	1,431,097

INDEX NUMBERS

	January	February	March	April	May	June
						<u>TOTAL</u>
1937	223.35	225.22	237.66	239.32	232.28	239.83
1938	220.06	215.88	222.48	212.63	210.15	209.82
1939	229.99	232.29	233.15	226.37	235.52	238.77
<u>OUTPUT LESS EXPORTS AND</u>						
1937	180.22	180.02	191.69	198.08	195.08	200.48
1938	190.46	192.28	196.71	194.12	193.33	197.01
1939	200.45	199.28	201.80	204.57	208.45	212.60

1/ Production plus provincial imports less provincial exports

3/ New Brunswick only.

x Revised.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS 2/</u>					
77,889	1,928	42,151	23,231	4,898	5,681
x 72,656	2,020	39,849	21,030	4,318	x 5,439
70,952	1,938	38,004	20,946	4,684	5,380
1,438	637	13	...	781	7
x 1,287	x 559	12	...	711	5
1,329	526	12	...	722	69
79,327	2,565	42,164	23,231	5,679	5,688
x 73,943	x 2,580	39,861	21,030	5,029	x 5,443
72,281	2,464	38,016	20,946	5,406	5,449
75,532	2,384	40,593	21,387	5,841	5,237
69,416	2,346	36,398	19,996	5,382	5,294
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
552,752	3/ 7,993	411,501	109,817	4/ 23,098	343
473,858	8,985	352,030	93,600	19,007	236
479,318	7,311	361,003	84,659	26,073	272
4,753,231	35,291	3,410,542	957,488	347,524	2,386
4,069,913	62,679	3,030,473	684,903	289,038	2,820

(AVERAGE, 1926 = 100)

July	August	September	October	November	December
<u>OUTPUT</u>					
233.67	231.12	227.81	224.27	230.21	231.83
212.28	218.31	224.10	221.27	226.49	221.95
235.49	x 241.05	245.95			
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
202.60	203.38	204.53	197.80	196.34	192.73
196.70	200.06	199.84	194.89	194.51	193.98
212.81	x 216.14	216.73			

2/ No allowance is made for the effect of holidays, Sundays or Saturdays, etc.

4/ Manitoba only.



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1935	1936	1937	1938	1939
January	2,012,742	2,091,497	2,317,906	2,283,691	<u>2,386,771</u>
February	1,803,337	1,938,978	2,146,578	2,057,598	2,213,965
March	1,943,555	2,135,640	2,412,259	2,258,197	2,366,532
April	1,881,029	2,164,628	2,322,884	2,063,801	2,197,171
May	1,923,071	2,083,363	2,301,167	2,081,935	2,333,235
June	1,816,250	2,028,980	2,255,338	1,973,155	2,245,329
July	1,791,544	2,021,147	2,188,055	1,987,774	2,205,189
August	1,851,153	2,020,416	2,197,725	2,075,901	x 2,292,223
September	1,919,213	2,041,423	2,204,291	2,168,435	2,379,811
Sub Total	16,942,004	18,526,072	20,346,203	18,950,487	20,620,226
October	<u>2,162,569</u>	2,280,508	2,365,052	2,333,461	
November	2,143,314	2,261,979	2,414,676	<u>2,375,661</u>	
December	2,156,525	<u>2,325,733</u>	2,457,996	2,353,196	
TOTAL	23,404,412	25,394,292	27,583,927	26,012,805	

EXPORTS TO THE UNITED STATES

January	113,878	118,050	134,931	157,532	166,915
February	109,524	110,684	138,041	123,094	153,491
March	103,957	125,921	<u>172,695</u>	144,091	165,422
April	97,475	125,496	164,250	135,616	141,523
May	94,256	130,530	161,033	155,292	164,520
June	107,994	<u>157,871</u>	158,657	158,313	163,063
July	93,348	157,543	164,057	159,349	162,973
August	130,305	143,342	162,617	149,493	<u>177,834</u>
September	142,177	125,127	143,441	151,691	159,713
Sub Total	992,914	1,194,564	1,399,722	1,334,471	1,455,454
October	<u>146,530</u>	129,323	142,736	<u>165,455</u>	
November	112,305	126,152	145,549	165,299	
December	112,838	128,070	159,093	161,290	
TOTAL	1,364,587	1,578,109	1,847,100	1,826,515	

OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January	1,344,646	1,413,216	1,474,787	1,558,575	<u>1,644,775</u>
February	1,193,820	1,298,872	1,344,387	1,435,998	1,488,272
March	1,321,545	1,387,512	1,532,912	1,573,090	1,613,781
April	1,267,776	1,353,605	1,510,508	1,480,284	1,559,933
May	1,304,893	1,371,404	1,519,545	1,505,826	1,623,648
June	1,245,659	1,353,080	1,496,283	1,470,027	1,586,756
July	1,270,867	1,359,445	1,510,365	1,466,399	1,586,499
August	1,306,710	1,386,797	1,543,699	1,518,479	x 1,640,530
September	1,317,312	1,417,821	1,573,502	1,537,426	1,667,346
Sub Total	11,573,228	12,341,752	13,505,988	13,546,104	14,411,540
October	<u>1,415,896</u>	<u>1,533,075</u>	<u>1,655,879</u>	1,631,513	
November	1,394,955	1,481,813	1,632,494	1,617,311	
December	1,411,097	1,516,702	1,629,452	<u>1,640,012</u>	
TOTAL	15,795,176	16,873,342	18,423,813	18,434,940	

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Dominion Statistician, R. H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)  
Chief, Transportation and Public Utilities Branch, G. S. Wrong, B.Sc.

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

OCTOBER, 1939

Central electric stations during October produced 2,589,956,000 kilowatt hours which was a new high record for monthly output. When adjusted for the uneven number of days in the months and other seasonal factors the index number was only slightly below the record made last September, dropping from 246.03 to 245.59. Compared with the October 1938 output of 2,333,461,000 kilowatt hours, the increase was 11 per cent.

Exports to the United States declined 8.3 per cent or from 165,455,000 kilowatt hours in 1938 to 151,794,000 kilowatt hours and deliveries of secondary power to electric boilers increased from 536,493,000 kilowatt hours in 1938 to 634,114,000 kilowatt hours or by 18.2 per cent.

Consumption of firm power, including line losses, increased to a new high at 1,804,048,000 kilowatt hours, exceeding the previous record made in September by 8 per cent and adjusted for the extra day (a Sunday) the increase was 5.4 per cent. The usual seasonal increase was slightly more than this and consequently the index number declined from 216.84 for September to 215.50 but was 20.61 points above the index number for October last year.

21/11/39.

Price per year 50 cents.

**OUTPUT OF CENTRAL ELECTRIC STATIONS**  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia	
<u>MONTHLY OUTPUTS</u>							
<u>Generated by Water Power</u>							
October, 1939	2,542,399	58,853	1,393,914	748,704	167,560	173,368	
September, 1939	2,336,675	57,842	1,264,515	696,931	146,953	170,434	
October, 1938	2,291,519	61,233	1,252,782	665,449	162,996	169,059	
<u>Generated by Fuel</u>							
October, 1939	47,557	20,024	409	...	25,540	1,584	
September, 1939	x 43,976	19,122	388	...	23,428	x 1,038	
October, 1938	41,942	16,687	370	...	23,700	1,185	
<u>Total Output</u>							
October, 1939	2,589,956	78,877	1,394,323	748,704	193,100	174,952	
September, 1939	x 2,380,651	76,964	1,264,903	696,931	170,381	x 171,472	
October, 1938	2,333,461	77,920	1,233,152	665,449	186,696	170,244	
<u>Total to Date</u>							
1939	23,213,735	729,809	12,476,151	6,587,419	1,787,539	1,632,817	
1938	21,283,948	718,447	11,169,849	6,124,322	1,655,928	1,615,402	
<u>PROVINCIAL CONSUMPTIONS 1/</u>							
October, 1939	2,438,162	77,412	1,090,379	902,443	194,791	173,137	
September, 1939	x 2,220,938	75,600	981,045	822,560	171,868	x 169,865	
October, 1938	2,168,006	76,490	979,089	755,609	188,125	168,692	
<u>Total to Date</u>							
1939	21,606,488	715,011	9,570,015	7,902,291	1,802,856	1,616,315	
1938	19,784,022	704,911	8,753,153	7,055,711	1,670,458	1,599,789	
<u>INDEX NUMBERS</u>							
	January	February	March	April	May	June	
						<u>TOTAL</u>	
1937	223.35	225.22	237.66	239.32	232.28	239.83	
1938	220.06	215.88	222.48	212.63	210.15	209.82	
1939 x	230.01	232.31	233.17	226.39	235.54	238.79	
						<u>OUTPUT LESS EXPORTS AND</u>	
1937	180.22	180.02	191.69	198.08	195.08	200.48	
1938	190.46	192.28	196.71	194.12	193.33	197.01	
1939 x	201.02	199.31	201.83	204.59	208.47	212.63	

1/ Production plus provincial imports less provincial exports

3/ New Brunswick only.

x Revised.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS 2/</u>					
82,013	1,898	44,965	24,152	5,405	5,593
77,889	1,928	42,151	23,231	4,898	5,681
73,920	1,975	39,767	21,466	5,258	5,454
1,534	646	13	...	824	51
x 1,466	637	13	...	781	x 35
1,353	538	12	...	765	38
83,547	2,544	44,978	24,152	6,229	5,644
x 79,355	2,565	42,164	23,231	5,679	x 5,716
75,273	2,513	39,779	21,466	6,023	5,492
76,361	2,401	41,040	21,669	5,880	5,371
70,013	2,363	36,743	20,146	5,447	5,314
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
	<u>3/</u>			<u>4/</u>	
634,114	5,953	476,214	117,394	34,324	229
552,752	7,993	411,501	109,817	23,098	343
536,493	4,156	404,279	87,965	39,769	324
387,345	41,244	3,886,756	1,074,882	381,848	2,615
606,406	66,835	3,434,752	772,868	328,807	3,144

AVERAGE, 1926 = 100)

July	August	September	October	November	December
<u>OUTPUT</u>					
233.67	231.12	227.81	224.27	230.21	231.83
212.28	218.31	224.10	221.27	<u>226.49</u>	221.95
235.56	241.14	<u>246.03</u>	245.59		
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
202.60	203.38	<u>204.53</u>	197.80	196.34	192.73
196.70	<u>200.06</u>	199.84	194.89	194.51	193.98
212.90	216.25	<u>216.84</u>	215.50		

2/ No allowance is made for the effect of holidays, Sundays or Saturdays, etc.

4/ Manitoba only.



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1935	1936	1937	1938	1939
January	2,012,742	2,091,497	2,317,906	2,283,691	x 2,386,979
February	1,803,337	1,938,978	2,146,578	2,057,598	x 2,214,174
March	1,943,555	2,135,640	2,412,259	2,258,197	x 2,366,740
April	1,881,029	2,164,628	2,322,884	2,063,801	x 2,197,379
May	1,923,071	2,083,363	2,301,167	2,081,935	x 2,333,443
June	1,816,250	2,028,980	2,255,338	1,973,155	x 2,245,537
July	1,791,544	2,021,147	2,188,055	1,987,774	x 2,205,844
August	1,851,153	2,020,416	2,197,725	2,075,901	x 2,293,032
September	1,919,213	2,041,423	2,204,291	2,168,435	x 2,380,651
October	2,162,569	2,280,508	2,365,052	2,333,461	2,589,956
Sub Total	19,104,573	20,806,580	22,711,255	21,283,948	23,213,735
November	2,143,314	2,261,979	2,414,676	2,375,661	
December	2,156,525	2,325,733	2,457,996	2,353,196	
TOTAL	23,404,412	25,394,292	27,583,927	26,012,805	

EXPORTS TO THE UNITED STATES

January	113,878	118,050	134,931	157,532	166,915
February	109,524	110,684	138,041	123,094	153,491
March	103,957	125,921	172,695	144,091	165,422
April	97,475	125,496	164,250	135,616	141,523
May	94,256	130,530	161,033	155,292	164,520
June	107,994	157,871	158,657	158,313	163,063
July	93,348	157,543	164,057	159,349	162,973
August	130,305	143,342	162,617	149,493	177,834
September	142,177	125,127	143,441	151,691	159,713
October	146,530	129,323	142,736	165,455	151,794
Sub Total	1,139,444	1,323,885	1,542,458	1,499,926	1,607,248
November	112,305	126,152	145,549	165,299	
December	112,838	128,070	159,093	161,290	
TOTAL	1,364,587	1,578,109	1,847,100	1,826,515	

OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January	1,344,646	1,413,216	1,474,787	1,558,575	x 1,644,983
February	1,193,820	1,298,872	1,344,387	1,435,998	x 1,488,480
March	1,321,545	1,387,512	1,532,912	1,573,090	x 1,613,989
April	1,267,776	1,353,605	1,510,508	1,480,284	x 1,560,142
May	1,304,893	1,371,404	1,519,545	1,505,826	x 1,623,856
June	1,245,659	1,353,080	1,496,283	1,470,027	x 1,586,964
July	1,270,867	1,359,445	1,510,365	1,466,399	x 1,587,154
August	1,306,710	1,386,797	1,543,699	1,518,479	x 1,641,340
September	1,317,312	1,417,821	1,573,502	1,537,426	x 1,668,186
October	1,415,896	1,533,075	1,655,879	1,631,513	1,804,048
Sub Total	12,989,124	13,874,829	15,161,867	15,177,617	16,219,142
November	1,394,955	1,481,813	1,632,494	1,617,311	
December	1,411,097	1,516,702	1,629,452	1,640,012	
TOTAL	15,795,176	16,873,342	18,423,813	18,434,940	

x Revised.

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Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
OTTAWA

No. 11.

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Dominion Statistician, R. H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)  
Chief, Transportation and Public Utilities Branch, G. S. Wrong, B.Sc.

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

NOVEMBER, 1939

Central electric stations created a new record in November by producing 2,606,821,000 kilowatt hours compared with 2,589,956,000 kilowatt hours for October the previous high output. This was more than a seasonal increase and the index number rose from 245.39 for October to 248.53. The increase over November 1938 output was 231,625,000 kilowatt hours or 9.8 per cent.

Exports to the United States declined from 165,299,000 kilowatt hours a year ago to 155,246,000 kilowatt hours, the decrease being all off-peak power exports which decreased by 14,066,000 kilowatt hours or from 48,956,000 to 34,890,000 kilowatt hours. Deliveries of secondary power to electric boilers rose to 642,262,000 kilowatt hours compared with 634,114,000 kilowatt hours in October and 593,051,000 kilowatt hours in November last year.

Consumption of firm power computed by deducting exports and deliveries to boilers from total output also rose to a new high at 1,809,312,000 kilowatt hours and the index number rose from 216.84 for September, the previous high point to 217.60.

The largest increase in consumption of firm power over last year was in Ontario where it increased by 130,301,000 kilowatt hours or 19.5 per cent. In Quebec the increase was 31,212,000 kilowatt hours or 5.5 per cent, in the Maritime Provinces 10,678,000 kilowatt hours or 15.4 per cent, in the Prairie Provinces 8,037,000 kilowatt hours or 5.4 per cent and in British Columbia 11,774,000 kilowatt hours or 7.4 per cent.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>MONTHLY OUTPUTS</u>						
<u>Generated by Water Power</u>						
November, 1939	2,558,676	64,352	1,411,050	741,612	169,871	171,791
October, 1939	2,542,399	58,853	1,393,914	748,704	167,560	173,368
November, 1938	2,334,493	61,652	1,287,028	649,491	176,290	160,032
<u>Generated by Fuel</u>						
November, 1939	48,145	21,413	438	...	25,891	403
October, 1939	47,557	20,024	409	...	25,540	1,584
November, 1938	41,168	16,293	373	...	24,169	333
<u>Total Output</u>						
November, 1939	2,606,821	85,765	1,411,488	741,612	195,762	172,194
October, 1939	2,589,956	78,877	1,394,323	748,704	193,100	174,952
November, 1938	2,375,661	77,945	1,287,401	649,491	200,459	160,365
<u>Total to Date</u>						
1939	25,820,556	815,574	13,887,639	7,329,031	1,983,299	1,805,013
1938	23,659,609	796,392	12,457,250	6,773,813	1,856,387	1,775,767
<u>PROVINCIAL CONSUMPTIONS 1/</u>						
November, 1939	2,451,575	84,466	1,080,966	918,284	197,360	170,499
October, 1939	2,438,162	77,412	x1,090,292	x902,530	x194,789	x173,139
November, 1938	2,210,362	76,580	1,010,527	762,560	201,940	158,755
<u>Total to Date</u>						
1939	24,058,063	799,477	10,656,045	8,815,510	2,000,214	1,786,817
1938	21,994,384	781,491	9,763,680	7,818,271	1,872,398	1,758,544
<u>INDEX NUMBERS</u>						
	January	February	March	April	May	June
						<u>TOTAL</u>
1937	223.35	225.22	237.66	239.32	232.28	239.83
1938	220.06	215.88	222.48	212.63	210.15	209.82
1939	230.01	232.31	233.17	226.39	235.54	238.79
<u>OUTPUT LESS EXPORTS AND</u>						
1937	180.22	180.02	191.69	198.08	195.08	200.48
1938	190.46	192.28	196.71	194.12	193.33	197.01
1939	201.02	199.31	201.83	204.59	208.47	212.63

1/ Production plus provincial imports less provincial exports

3/ New Brunswick only.

x Revised.



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS 2/</u>						
	85,289	2,145	47,035	24,721	5,662	5,726
	82,013	1,898	44,965	24,152	5,405	5,593
	77,816	2,055	42,901	21,650	5,876	5,334
	1,605	714	15	...	863	13
	1,534	646	13	...	824	51
	1,372	543	12	...	806	11
	86,894	2,859	47,050	24,721	6,525	5,739
	83,547	2,544	44,978	24,152	6,229	5,644
	79,188	2,598	42,913	21,650	6,682	5,345
	77,307	2,442	41,580	21,943	5,938	5,404
	70,837	2,384	37,297	20,281	5,558	5,317
<u>DELIVERIES TO ELECTRIC BOILERS</u>						
	642,262	<u>3/</u> 4,250	477,644	119,509	<u>4/</u> 40,588	271
	634,114	5,953	476,214	117,394	34,324	229
	593,051	7,042	438,417	94,086	53,205	301
	6,029,607	45,494	4,364,400	1,194,391	422,436	2,886
	5,199,457	73,877	3,873,169	866,954	382,012	3,445

(AVERAGE, 1926 = 100)

	July	August	September	October	November	December
<u>OUTPUT</u>						
	233.67	231.12	227.81	224.27	230.21	231.83
	212.28	218.31	224.10	221.27	<u>226.49</u>	221.95
	235.56	241.14	246.03	245.59	<u>248.53</u>	
<u>DELIVERIES TO ELECTRIC BOILERS</u>						
	202.60	203.38	<u>204.53</u>	197.80	196.34	192.73
	196.70	<u>200.06</u>	199.84	194.89	194.51	193.98
	212.90	216.25	216.84	215.50	<u>217.60</u>	

2/ No allowance is made for the effect of holidays, Sundays or Saturdays, etc.

4/ Manitoba only.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1935	1936	1937	1938	1939
January,	2,012,742	2,091,497	2,317,906	2,283,691	2,386,979
February	1,803,337	1,938,978	2,146,578	2,057,598	2,214,174
March	1,943,555	2,135,640	2,412,259	2,258,197	2,366,740
April	1,881,029	2,164,628	2,322,884	2,063,801	2,197,379
May	1,923,071	2,083,363	2,301,167	2,081,935	2,333,443
June	1,816,250	2,028,980	2,255,338	1,973,155	2,245,537
July	1,791,544	2,021,147	2,188,055	1,987,774	2,205,844
August	1,851,153	2,020,416	2,197,725	2,075,901	2,293,032
September	1,919,213	2,041,423	2,204,291	2,168,435	2,380,651
October	2,162,569	2,280,508	2,365,052	2,333,461	2,589,956
November	2,143,314	2,261,979	2,414,676	2,375,661	2,606,821
Sub Total	21,247,887	23,068,559	25,125,931	23,659,609	25,820,556
December	2,156,525	2,325,733	2,457,996	2,353,196	
TOTAL	23,404,412	25,394,292	27,583,927	26,012,805	

EXPORTS TO THE UNITED STATES

January	113,878	118,050	134,931	157,532	166,915
February	109,524	110,684	138,041	123,094	153,491
March	103,957	125,921	172,695	144,091	165,422
April	97,475	125,496	164,250	135,616	141,523
May	94,256	130,530	161,033	155,292	164,520
June	107,994	157,871	158,657	158,313	163,063
July	93,348	157,543	164,057	159,349	162,973
August	130,305	143,342	162,617	149,493	177,834
September	142,177	125,127	143,441	151,691	159,713
October	146,530	129,323	142,736	165,455	151,794
November	112,305	126,152	145,549	165,299	155,246
Sub Total	1,251,749	1,450,039	1,688,007	1,665,225	1,762,494
December	112,838	128,070	159,093	161,290	
TOTAL	1,364,587	1,578,109	1,847,100	1,826,515	

OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January	1,344,646	1,413,216	1,474,787	1,558,575	1,644,983
February	1,193,820	1,298,872	1,344,387	1,435,998	1,488,480
March	1,321,545	1,387,512	1,532,912	1,573,090	1,613,989
April	1,267,776	1,353,605	1,510,508	1,480,284	1,560,142
May	1,304,893	1,371,404	1,519,545	1,505,826	1,623,856
June	1,245,659	1,353,080	1,496,283	1,470,027	1,586,964
July	1,270,867	1,359,445	1,510,365	1,466,399	1,587,154
August	1,306,710	1,386,797	1,543,699	1,518,479	1,641,340
September	1,317,312	1,417,821	1,573,502	1,537,426	1,668,186
October	1,415,896	1,533,075	1,655,879	1,631,513	1,804,048
November	1,394,955	1,481,813	1,632,494	1,617,311	1,809,312
Sub Total	14,384,079	15,356,642	16,794,361	16,794,928	18,028,454
December	1,411,097	1,516,702	1,629,452	1,640,012	
TOTAL	15,795,176	16,873,342	18,423,813	18,434,940	

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Dominion Statistician, R. H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)  
Chief, Transportation and Public Utilities Branch, G. S. Wrong, B.Sc.

OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

DECEMBER, 1939.

Central electric stations produced 2,534,759,000 kilowatt hours in December compared with 2,353,196,000 kilowatt hours in December 1938. Compared with November 1939 output there was a decrease of 67,690,000 kilowatt hours or 2.6 per cent and on an average daily basis a decrease of 5.7 per cent. The decrease in the total was all in the eastern provinces, the Maritime Provinces showing a decrease of 6,000,000 kilowatt hours and Quebec a decrease of 76,232,000 kilowatt hours or 5.4 per cent. Conservation of water because of light precipitation was the cause of reduced output at some of the large plants.

Exports to the United States were reduced to 150,131,000 kilowatt hours from 161,290,000 kilowatt hours in December 1938 and 155,246,000 kilowatt hours in November 1939. Deliveries of secondary power to electric boilers dropped to 566,655,000 kilowatt hours from 637,114,000 kilowatt hours in November.

Consumption of firm power reached a new high at 1,817,974,000 kilowatt hours compared with the previous record of 1,810,089,000 for November but after adjusting for the different number of days and other seasonal factors the index number dropped from 217.70 for November to 215.02.

For the year the total output was 28,350,943,000 kilowatt hours. This was a new high and was an increase of 9.0 per cent over the 1938 output of 26,012,805,000 kilowatt hours and of 2.8 per cent over the 1937 output of 27,583,927,000 kilowatt hours.

Exports to the United States in 1939 amounted to 1,912,625,000 kilowatt hours including exports of 487,928,000 of secondary power compared with a total of 1,826,515,000 kilowatt hours in 1938 including exports of 453,233,000 kilowatt hours of secondary power.

Deliveries of secondary power to electric boilers amounted to 6,591,114,000 kilowatt hours or 23 per cent of the total output. This was an increase of 14.6 per cent over the 1938 deliveries but 10.2 per cent below the 1937 deliveries. Consumption of firm power during the year, computed by deducting exports and deliveries of secondary power to electric boilers from total output for the year, amounted to 19,847,205,000 kilowatt hours. This also was a new high record exceeding the previous peak of 18,434,940,000 kilowatt hours for 1938 by 7.7 per cent.



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>MONTHLY OUTPUTS</u>						
<u>Generated by Water Power</u>						
December, 1939	2,484,951	57,973	1,334,773	737,994	176,496	177,715
November, 1939	x2,554,304	64,352	1,411,050	x737,240	169,871	171,791
December, 1938	2,310,606	59,729	1,236,855	662,340	184,158	167,524
<u>Generated by Fuel</u>						
December, 1939	49,808	21,792	483	...	26,862	671
November, 1939	48,145	21,413	438	...	25,891	403
December, 1938	42,590	16,275	397	...	*25,187	731
<u>Total Output</u>						
December, 1939	2,534,759	79,765	1,335,256	737,994	203,358	178,386
November, 1939	x2,602,449	85,765	1,411,488	x737,240	195,762	172,194
December, 1938	2,353,196	76,004	1,237,252	662,340	209,345	168,255
<u>Total to Date</u>						
1939	28,350,943	895,339	15,222,895	8,062,653	2,186,657	1,983,399
1938	26,012,805	872,396	13,694,502	7,436,153	2,065,732	1,944,022
<u>PROVINCIAL CONSUMPTIONS 1/</u>						
December, 1939	2,384,629	77,785	1,015,906	909,298	205,118	176,522
November, 1939	x2,447,203	84,466	1,080,966	x913,912	197,360	170,499
December, 1938	2,191,906	74,480	951,606	788,356	210,893	166,571
<u>Total to Date</u>						
1939	26,438,320	877,262	11,671,951	9,720,436	2,205,332	1,963,339
1938	24,186,290	855,971	10,715,286	8,606,627	2,083,291	1,925,115
<u>INDEX NUMBERS</u>						
	January	February	March	April	May	June
						<u>TOTAL</u>
1937	223.35	225.22	237.66	239.32	232.28	239.83
1938	220.06	215.88	222.48	212.63	210.15	209.82
1939	230.01	232.31	233.17	226.39	235.54	238.79
<u>OUTPUT LESS EXPORTS AND</u>						
1937	180.22	180.02	191.69	198.08	195.08	200.48
1938	190.46	192.28	196.71	194.12	193.33	197.01
1939	201.02	199.31	201.83	204.59	208.47	212.63

1/ Production plus provincial imports less provincial exports.

3/ New Brunswick only.

x Revised.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS 2/</u>					
80,159	1,870	43,057	23,806	5,693	5,733
x85,143	2,145	47,035	x24,575	5,662	5,726
74,536	1,927	39,898	21,366	5,941	5,404
1,607	703	16	...	867	21
1,605	714	15	...	863	13
1,374	525	13	...	812	24
81,766	2,573	43,073	23,806	6,560	5,754
x86,748	2,859	47,050	x24,575	6,525	5,739
75,910	2,452	39,911	21,366	6,753	5,428
77,674	2,453	41,707	22,089	5,991	5,434
71,268	2,390	37,519	20,373	5,660	5,326
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
566,655	<u>3/</u> 3,673	410,190	107,168	<u>4/</u> 45,398	226
x637,114	4,250	x477,645	x114,360	40,588	271
551,893	6,531	385,765	102,494	56,812	291
6,591,114	49,167	4,774,593	1,296,408	467,834	3,112
5,751,350	80,408	4,258,934	969,448	438,824	3,736

(AVERAGE, 1926 = 100)

July	August	September	October	November	December
<u>OUTPUT</u>					
233.67	231.12	227.81	224.27	230.21	231.83
212.28	218.31	224.10	221.27	<u>226.49</u>	221.95
235.56	241.14	246.03	245.59	x <u>248.11</u>	239.07
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
202.60	203.38	<u>204.53</u>	197.80	196.34	192.73
196.70	<u>200.06</u>	199.84	194.89	194.51	193.98
212.90	216.25	216.84	215.50	x <u>217.70</u>	215.02

2/ No allowance is made for the effect of holidays, Sundays or Saturdays,  
4/ Manitoba only. etc.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1935	1936	1937	1938	1939
January	2,012,742	2,091,497	2,317,906	2,283,691	2,386,979
February	1,803,337	1,938,978	2,146,578	2,057,598	2,214,174
March	1,943,555	2,135,640	2,412,259	2,258,197	2,366,740
April	1,881,029	2,164,628	2,322,884	2,063,801	2,197,379
May	1,923,071	2,083,363	2,301,167	2,081,935	2,333,443
June	1,816,250	2,028,980	2,255,338	1,973,155	2,245,537
July	1,791,544	2,021,147	2,188,055	1,987,774	2,205,844
August	1,851,153	2,020,416	2,197,725	2,075,901	2,293,032
September	1,919,213	2,041,423	2,204,291	2,168,435	2,380,651
October	2,162,569	2,280,508	2,365,052	2,333,461	2,589,956
November	2,143,314	2,261,979	2,414,676	2,375,661	x2,602,449
December	2,156,525	2,325,733	2,457,996	2,353,196	2,534,759
TOTAL	23,404,412	25,494,292	27,583,927	26,012,805	28,350,943
EXPORTS TO THE UNITED STATES					
January	113,878	118,050	134,931	157,532	166,915
February	109,524	110,684	138,041	123,094	153,491
March	103,957	125,921	172,695	144,091	165,422
April	97,475	125,496	164,250	135,616	141,523
May	94,256	130,530	161,033	155,292	164,520
June	107,994	157,871	158,657	158,313	163,063
July	93,348	157,543	164,057	159,349	162,973
August	130,305	143,342	162,617	149,493	177,834
September	142,177	125,127	143,441	151,691	159,713
October	146,530	129,523	142,736	165,455	151,794
November	112,305	126,152	145,549	165,299	155,246
December	112,838	128,070	159,093	161,290	150,131
TOTAL	1,364,587	1,578,109	1,847,100	1,826,515	1,912,625
OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS					
January	1,344,646	1,413,216	1,474,787	1,558,575	1,644,983
February	1,193,820	1,298,872	1,344,387	1,435,998	1,488,480
March	1,321,545	1,387,512	1,532,912	1,573,090	1,613,989
April	1,267,776	1,353,605	1,510,508	1,480,284	1,560,142
May	1,304,893	1,371,404	1,519,545	1,505,826	1,623,856
June	1,245,659	1,353,080	1,496,283	1,470,027	1,586,964
July	1,270,867	1,359,445	1,510,365	1,466,399	1,587,154
August	1,306,710	1,386,797	1,543,699	1,518,479	1,641,340
September	1,317,312	1,417,821	1,573,502	1,537,426	1,668,186
October	1,415,896	1,533,075	1,655,879	1,631,513	1,804,048
November	1,394,955	1,481,813	1,632,494	1,617,311	x1,810,089
December	1,411,097	1,516,702	1,629,452	1,640,012	1,817,974
TOTAL	15,795,176	16,873,342	18,423,813	18,434,940	19,847,205



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DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
OTTAWA

No. 1.

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Dominion Statistician, R. H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)  
Chief, Transportation and Public Utilities Branch, G. S. Wrong, B.Sc.

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

JANUARY, 1940

The output of central electric stations for January amounted to 2,526,143,000 kilowatt hours compared with 2,386,979,000 kilowatt hours in January 1939. The fifth Sunday last year undoubtedly was a factor in this comparison. The index number adjusted for seasonal variations rose from 239.21 for December to 243.42 but was below the September, October and November index numbers.

Exports to the United States dropped from 150,138,000 kilowatt hours in December and 166,915,000 kilowatt hours for January a year ago to 149,050,000 kilowatt hours.

Deliveries of secondary power to electric boilers declined to 523,936,000 kilowatt hours from 565,918,000 kilowatt hours for December and 575,082,000 kilowatt hours for January 1939.

Consumption of firm power reached a new high point at 1,853,157,000 kilowatt hours and the adjusted index number also rose to a new high at 226.46 compared with the previous high of 217.70 made in November 1939. Firm power consumption for December was 1,809,175,000 kilowatt hours and in January 1939 was 1,644,983,000 kilowatt hours.

22/2/40

Price per year 50 cents.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia	
<u>MONTHLY OUTPUTS</u>							
<u>Generated by Water Power</u>							
January, 1940	2,476,295	50,991	1,319,028	748,358	186,783	171,135	
December, 1939	x2,486,434	57,973	1,334,773	x739,477	176,496	177,715	
January, 1939	2,346,316	58,632	1,273,215	659,063	186,220	169,186	
<u>Generated by Fuel</u>							
January, 1940	49,848	22,105	415	...	26,341	987	
December, 1939	49,808	21,792	483	...	26,862	671	
January, 1939	40,663	15,811	371	...	24,048	433	
<u>Total Output</u>							
January, 1940	2,526,143	73,096	1,319,443	748,358	213,124	172,122	
December, 1939	x2,536,242	79,765	1,335,256	x739,477	203,358	178,386	
January, 1939	2,386,979	74,443	1,273,586	659,063	210,268	169,619	
<u>PROVINCIAL CONSUMPTIONS <sup>1/</sup></u>							
January, 1940	2,377,093	71,272	999,940	920,777	214,974	170,130	
December, 1939	x2,386,112	77,785	1,015,906	x910,781	205,118	176,522	
January, 1939	2,220,065	72,914	979,948	787,449	211,822	167,932	
<u>INDEX NUMBERS</u>							
	January	February	March	April	May	June	
						<u>TOTAL</u>	
1938	220.06	215.88	222.48	212.63	210.15	209.82	
1939	230.01	232.31	233.17	226.39	235.54	238.79	
1940	243.42						
<u>OUTPUT LESS EXPORTS AND</u>							
1938	190.46	192.28	196.71	194.12	193.33	197.01	
1939	201.02	199.31	201.83	204.59	208.47	212.63	
1940	206.46						

<sup>1/</sup> Production plus provincial imports less provincial exports

<sup>3/</sup> New Brunswick only.

x Revised.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS 2/</u>					
79,880	1,645	42,549	24,141	6,025	5,520
x30,207	1,870	43,057	x23,854	5,693	5,733
75,687	1,891	41,071	21,260	6,007	5,458
1,608	713	13	...	850	32
1,607	703	16	...	867	21
1,312	510	12	...	776	14
81,488	2,358	42,562	24,141	6,875	5,552
x81,814	2,573	43,073	x23,854	6,560	5,754
76,999	2,401	41,083	21,260	6,783	5,472
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
523,936	<u>3/</u> 375	359,063	111,478	<u>4/</u> 52,784	236
x565,918	3,673	410,190	x106,431	45,398	226
575,082	6,785	404,302	102,155	61,556	284

(AVERAGE, 1926 = 100)

	July	August	September	October	November	December
<u>OUTPUT</u>						
	212.28	218.31	224.10	221.27	<u>226.49</u>	221.95
	235.56	241.14	246.03	245.59	<u>248.11</u>	x239.21
<u>DELIVERIES TO ELECTRIC BOILERS</u>						
	196.70	<u>200.06</u>	199.84	194.89	194.51	193.98
	212.90	216.25	216.84	215.50	<u>217.70</u>	x215.29

2/ No allowance is made for the effect of holidays, Sundays or Saturdays, etc  
4/ Manitoba only.



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1936	1937	1938	1939	1940
January	2,091,497	2,317,906	2,283,691	2,386,979	2,526,143
February	1,938,978	2,146,578	2,057,598	2,214,174	
March	2,135,640	2,412,259	2,258,197	2,366,740	
April	2,164,628	2,322,884	2,063,801	2,197,379	
May	2,083,363	2,301,167	2,081,935	2,333,443	
June	2,028,980	2,255,338	1,973,155	2,245,537	
July	2,021,147	2,188,055	1,987,774	2,205,844	
August	2,020,416	2,197,725	2,075,901	2,293,032	
September	2,041,423	2,204,291	2,168,435	x2,380,652	
October	2,280,508	2,365,052	2,333,461	2,589,956	
November	2,261,979	2,414,676	<u>2,375,661</u>	x2,601,535	
December	<u>2,325,133</u>	<u>2,457,936</u>	2,353,196	x2,536,242	
TOTAL	25,394,292	27,583,927	26,012,805	x28,351,514	
EXPORTS TO THE UNITED STATES					
January	118,050	134,931	157,532	166,915	149,050
February	110,684	138,041	123,094	153,491	
March	125,921	<u>172,695</u>	144,091	165,422	
April	125,496	<u>164,250</u>	135,616	141,523	
May	130,530	161,033	155,292	164,520	
June	<u>157,871</u>	158,657	158,313	163,063	
July	<u>157,543</u>	164,057	159,349	162,973	
August	143,342	162,617	149,493	<u>177,834</u>	
September	125,127	143,441	151,691	<u>159,713</u>	
October	129,323	142,736	<u>165,455</u>	151,794	
November	126,152	145,549	<u>165,299</u>	x155,247	
December	128,070	159,093	161,290	x150,138	
TOTAL	1,578,109	1,847,100	1,826,515	x1,912,633	
OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS					
January	1,413,216	1,474,787	1,558,575	1,644,983	1,853,157
February	1,298,872	1,344,387	1,435,998	1,488,480	
March	1,387,512	1,532,912	1,573,090	1,613,989	
April	1,353,605	1,510,508	1,480,284	1,560,142	
May	1,371,404	1,519,545	1,505,826	1,623,856	
June	1,353,080	1,496,283	1,470,027	1,586,964	
July	1,359,445	1,510,365	1,466,399	1,587,154	
August	1,386,797	1,543,699	1,518,479	1,641,340	
September	1,417,821	1,573,502	1,537,426	1,668,186	
October	<u>1,533,075</u>	<u>1,655,879</u>	1,631,513	1,804,048	
November	<u>1,481,813</u>	<u>1,632,494</u>	1,617,311	x1,809,175	
December	1,516,702	1,629,452	<u>1,640,012</u>	<u>x1,820,186</u>	
TOTAL	16,873,342	18,423,813	18,434,940	x19,848,503	

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DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
OTTAWA

No. 2.

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Dominion Statistician, R. H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)  
Chief, Transportation and Public Utilities Branch, G. S. Wrong, B.Sc.

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

FEBRUARY, 1940

Central electric stations produced 2,367,031,000 kilowatt hours in February as against 2,214,174,000 kilowatt hours a year ago and 2,526,143,000 kilowatt hours in January. Although the daily average output was 81,621,000 kilowatt hours in February and 81,488,000 kilowatt hours in January, the index number adjusted for seasonal variations and the extra day in February this year dropped from 243.42 for January to 239.79.

Exports to the United States decreased from 149,050,000 kilowatt hours in January to 139,908,000 kilowatt hours and deliveries of secondary power to electric boilers dropped from 523,936,000 kilowatt hours to 499,681,000 kilowatt hours.

The consumption of firm power declined from 1,853,157,000 kilowatt hours in January to 1,727,442,000, although on a daily basis there was very little difference. The index number, however, adjusted for seasonal variations dropped from 226.46 for January, the highest reached to date, to 223.33.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>MONTHLY OUTPUTS</u>						
<u>Generated by Water Power</u>						
February, 1940	2,322,074	36,967	1,271,131	678,439	176,351	159,186
January, 1940	2,476,295	50,991	1,319,028	748,358	186,783	171,137
February, 1939	2,174,972	44,420	1,194,388	620,575	170,641	144,948
<u>Generated by Fuel</u>						
February, 1940	44,957	20,507	386	...	23,108	956
January, 1940	49,848	22,105	415	...	26,341	987
February, 1939	39,202	15,916	328	...	21,768	1,190
<u>Total Output</u>						
February, 1940	2,367,031	57,474	1,271,517	678,439	199,459	160,142
January, 1940	2,526,143	73,096	1,319,443	748,358	213,124	172,122
February, 1939	2,214,174	60,336	1,194,716	620,575	192,409	146,138
<u>Total to Date</u>						
1940	4,893,174	130,570	2,590,960	1,426,797	412,583	332,264
1939	4,601,153	134,779	2,468,302	1,279,638	402,677	315,757
<u>PROVINCIAL CONSUMPTIONS 1/</u>						
February, 1940	2,227,123	55,687	974,506	837,451	201,487	157,992
January, 1940	2,377,093	71,272	999,940	920,777	214,974	170,130
February, 1939	2,060,683	58,996	918,624	744,634	193,799	144,630
<u>Total to Date</u>						
1940	4,604,216	126,959	1,974,446	1,758,228	416,461	328,122
1939	4,280,748	131,910	1,898,572	1,532,083	405,621	312,562

INDEX NUMBERS

	January	February	March	April	May	June
						<u>TOTAL</u>
1938	220.06	215.88	222.48	212.63	210.15	209.82
1939	230.01	232.31	233.17	226.39	235.54	238.79
1940	243.42	239.79				
<u>OUTPUT LESS EXPORTS AND</u>						
1938	190.46	192.28	196.71	194.12	193.33	197.01
1939	201.02	199.31	201.83	204.59	208.47	212.63
1940	226.46	223.33				

1/ Production plus provincial imports less provincial exports.

3/ New Brunswick only.



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS 2/</u>					
80,071	1,275	43,832	23,394	6,081	5,489
79,880	1,645	42,549	24,141	6,025	5,520
77,677	1,586	42,657	22,163	6,094	5,177
1,550	707	13	...	797	33
1,608	713	13	...	850	32
1,400	569	12	...	777	42
81,621	1,982	43,845	23,394	6,878	5,522
81,488	2,358	42,562	24,141	6,875	5,552
79,077	2,155	42,669	22,163	6,871	5,219
81,553	2,176	43,183	23,780	6,876	5,538
77,986	2,284	41,836	21,689	6,825	5,352
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
	<u>3/</u>			<u>4/</u>	
499,681	...	365,005	84,524	51,894	258
523,936	375	359,063	111,478	52,784	236
572,203	...	395,943	119,124	56,909	227
1,023,617	375	722,068	196,002	104,678	494
1,147,285	6,785	800,245	221,279	118,465	511

(AVERAGE, 1926 = 100)

	July	August	September	October	November	December
<u>OUTPUT</u>						
	212.28	218.31	224.10	221.27	<u>226.49</u>	221.95
	235.56	241.14	246.03	245.59	<u>248.11</u>	239.21
<u>DELIVERIES TO ELECTRIC BOILERS</u>						
	196.70	<u>200.06</u>	199.84	194.89	194.51	193.98
	212.90	<u>216.25</u>	216.84	215.50	<u>217.70</u>	215.29

2/ No allowance is made for the effect of holidays, Sundays or Saturdays, etc.  
4/ Manitoba only

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1936	1937	1938	1939	1940
January	2,091,497	2,317,906	2,283,691	2,386,979	2,526,143
February	1,938,978	2,146,578	2,057,598	2,214,174	2,367,031
Sub-Total	4,030,475	4,464,484	4,341,289	4,601,153	4,893,174
March	2,135,640	2,412,259	2,258,197	2,366,740	
April	2,164,628	2,322,884	2,063,801	2,197,379	
May	2,083,363	2,301,167	2,081,935	2,333,443	
June	2,028,980	2,255,338	1,973,155	2,245,537	
July	2,021,147	2,188,055	1,987,774	2,205,844	
August	2,020,416	2,197,725	2,075,901	2,293,032	
September	2,041,423	2,204,291	2,168,435	2,380,652	
October	2,280,508	2,365,052	2,333,461	2,589,956	
November	2,261,979	2,414,676	<u>2,375,661</u>	<u>2,601,535</u>	
December	<u>2,325,733</u>	<u>2,457,996</u>	2,353,196	2,536,242	
TOTAL	25,394,292	27,583,927	26,012,805	28,351,514	

EXPORTS TO THE UNITED STATES

January	118,050	134,931	157,532	166,915	149,050
February	110,684	138,041	123,094	153,491	139,908
Sub-Total	228,734	272,972	280,626	320,406	288,958
March	125,921	<u>172,695</u>	144,091	165,422	
April	125,496	164,250	135,616	141,523	
May	130,530	161,033	155,292	164,520	
June	<u>157,871</u>	158,657	158,313	163,063	
July	157,543	164,057	159,349	162,973	
August	143,342	162,617	149,493	<u>177,834</u>	
September	125,127	143,441	151,691	<u>159,713</u>	
October	129,323	142,736	<u>165,455</u>	151,794	
November	126,152	145,549	165,299	155,247	
December	128,070	159,093	161,290	150,138	
TOTAL	1,578,109	1,847,100	1,826,515	1,912,633	

OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January	1,413,216	1,474,787	1,558,575	1,644,983	1,853,157
February	1,298,872	1,344,387	1,435,998	1,488,480	1,727,442
Sub-Total	2,712,088	2,819,174	2,994,573	3,133,463	3,580,599
March	1,387,512	1,532,912	1,573,090	1,613,989	
April	1,353,605	1,510,508	1,480,284	1,560,142	
May	1,371,404	1,519,545	1,505,826	1,623,856	
June	1,353,080	1,496,283	1,470,027	1,586,964	
July	1,359,445	1,510,365	1,466,399	1,587,154	
August	1,386,797	1,543,699	1,518,479	1,641,340	
September	1,417,821	1,573,502	1,537,426	1,668,186	
October	<u>1,533,075</u>	<u>1,655,879</u>	1,631,513	1,804,048	
November	1,481,813	1,632,494	1,617,311	1,809,175	
December	1,516,702	1,629,452	<u>1,640,012</u>	<u>1,820,186</u>	
TOTAL	16,873,342	18,425,813	18,434,940	19,848,503	

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DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
OTTAWA

No. 3.

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Dominion Statistician, R. H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)  
Chief, Transportation and Public Utilities Branch, G. S. Wrong, B.Sc.

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

MARCH, 1940.

Central electric stations produced 2,426,157,000 kilowatt hours during March compared with 2,366,740,000 kilowatt hours in March, 1939. Compared with February's output of 2,367,031,000 kilowatt hours this was an increase of 2.5 per cent but on a daily basis it was a decrease of 4.1 per cent and after adjustment for usual seasonal variations the index dropped from 239.72 for February to 239.02. This drop, however, was all in secondary power for electric boilers which declined from 499,681,000 kilowatt hours in February and 587,329,000 kilowatt hours in March last year to 435,316,000 kilowatt hours.

Exports to the United States increased to 155,402,000 kilowatt hours from 139,908,000 kilowatt hours for February, an increase on a daily basis of 3.9 per cent.

Production of firm power for use in Canada (total output less exports and deliveries to electric boilers) increased to 1,835,439,000 kilowatt hours from 1,727,442,000 kilowatt hours in February and the index number rose to a new high at 229.52. The previous peak was 226.46 for January.

23/4/40.

Price per year 50 cents.



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>MONTHLY OUTPUTS</u>						
<u>Generated by Water Power</u>						
March, 1940	2,382,682	42,451	1,283,967	707,574	177,704	170,986
February, 1940	2,322,074	36,967	1,271,131	678,439	176,351	159,186
March, 1939	2,329,542	50,735	1,282,071	667,495	179,997	149,244
<u>Generated by Fuel</u>						
March, 1940	43,475	19,709	394	...	22,867	505
February, 1940	44,957	20,507	386	...	23,108	956
March, 1939	37,198	14,342	376	...	21,805	675
<u>Total Output</u>						
March, 1940	2,426,157	62,160	1,284,361	707,574	200,571	171,491
February, 1940	2,367,031	57,474	1,271,517	678,439	199,459	160,142
March, 1939	2,366,740	65,077	1,282,447	667,495	201,802	149,919
<u>Total to Date</u>						
1940	7,319,331	192,730	3,875,321	2,134,371	613,154	503,755
1939	6,967,893	199,856	3,750,749	1,947,133	604,479	465,676
<u>PROVINCIAL CONSUMPTIONS 1/</u>						
March, 1940	2,270,755	60,474	967,193	871,150	202,527	169,411
February, 1940	2,227,123	55,687	x 974,504	x 837,453	201,487	157,992
March, 1939	2,201,318	63,160	977,400	809,154	203,305	148,299
<u>Total to Date</u>						
1940	6,874,971	187,433	2,941,637	2,629,380	618,988	497,533
1939	6,482,066	195,070	2,875,972	2,341,237	608,926	460,861

INDEX NUMBERS

	January	February	March	April	May	June
<u>TOTAL</u>						
1938	220.06	215.88	222.48	212.63	210.15	209.82
1939	230.01	232.31	233.17	226.39	235.54	238.79
1940	243.42	239.79	239.02			
<u>OUTPUT LESS EXPORTS AND</u>						
1938	190.46	192.28	196.71	194.12	193.33	197.01
1939	201.02	199.31	201.83	204.59	208.47	212.63
1940	226.46	223.33	229.52			

1/ Production plus provincial imports less provincial exports

3/ New Brunswick only.

x Revised.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS 2/</u>					
76,860	1,369	41,418	22,825	5,732	5,516
80,071	1,275	43,832	23,394	6,081	5,489
75,146	1,637	41,357	21,532	5,806	4,814
1,403	636	13	...	738	16
1,550	707	13	...	797	33
1,200	463	12	...	703	22
78,263	2,005	41,431	22,825	6,470	5,532
81,621	1,982	43,845	23,394	6,878	5,522
76,346	2,100	41,369	21,532	6,509	4,836
80,432	2,118	42,586	23,454	6,738	5,536
77,421	2,221	41,675	21,635	6,716	5,174
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
	<u>3/</u>			<u>4/</u>	
435,316	...	309,838	74,894	50,332	252
499,681	...	363,005	84,524	51,894	258
587,329	...	401,031	128,722	57,315	261
1,458,933	375	1,031,906	270,896	155,010	746
1,734,614	6,785	1,201,276	350,001	175,780	772

(AVERAGE, 1926 - 100)

	July	August	September	October	November	December
<u>OUTPUT</u>						
	212.28	218.31	224.10	221.27	<u>226.49</u>	221.95
	235.56	241.14	246.03	245.59	<u>248.11</u>	239.21
<u>DELIVERIES TO ELECTRIC BOILERS</u>						
	196.70	<u>200.06</u>	199.84	194.89	194.51	193.98
	212.90	216.25	216.84	215.50	<u>217.70</u>	215.29

2/ No allowance is made for the effect of holidays, Sundays or Saturdays, etc.

4/ Manitoba only.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1936	1937	1938	1939	1940
January	2,091,497	2,317,906	2,283,691	2,386,979	2,526,143
February	1,938,978	2,146,578	2,057,598	2,214,174	2,367,031
March	2,135,640	2,412,259	2,258,197	2,366,740	2,426,157
Sub-Total	6,166,115	6,876,743	6,599,486	6,967,893	7,319,331
April	2,164,628	2,322,884	2,063,801	2,197,379	
May	2,083,363	2,301,167	2,081,935	2,333,443	
June	2,028,980	2,255,338	1,973,155	2,245,537	
July	2,021,147	2,188,055	1,987,774	2,205,844	
August	2,020,416	2,197,725	2,075,901	2,293,032	
September	2,041,423	2,204,291	2,168,435	2,380,652	
October	2,280,508	2,365,052	2,333,461	2,589,956	
November	2,261,979	2,414,676	<u>2,375,661</u>	<u>2,601,535</u>	
December	<u>2,325,733</u>	<u>2,457,996</u>	2,353,196	2,536,242	
TOTAL	25,394,292	27,583,927	26,012,805	28,351,514	

EXPORTS TO THE UNITED STATES

January	118,050	134,931	157,532	166,915	149,050
February	110,684	138,041	123,094	153,491	139,908
March	125,921	<u>142,595</u>	144,091	165,422	155,402
Sub-Total	354,655	415,567	424,717	485,828	444,360
April	125,496	164,250	135,616	141,523	
May	130,530	161,033	155,292	164,520	
June	<u>157,871</u>	158,657	158,313	163,063	
July	157,543	164,057	159,349	162,973	
August	143,342	162,617	149,493	<u>177,834</u>	
September	125,127	143,441	151,691	159,713	
October	129,323	142,736	<u>165,455</u>	151,794	
November	126,152	145,549	165,299	155,247	
December	128,070	<u>159,093</u>	161,290	150,138	
TOTAL	1,578,109	1,847,100	1,826,515	1,912,633	

OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January	1,413,216	1,474,787	1,558,575	1,644,983	1,853,157
February	1,298,872	1,344,387	1,435,998	1,488,480	1,727,442
March	1,387,512	1,532,912	1,573,090	1,613,989	1,835,439
Sub-Total	4,099,600	4,352,086	4,597,663	4,747,452	5,416,038
April	1,353,605	1,510,508	1,480,284	1,560,142	
May	1,371,404	1,519,545	1,505,826	1,623,856	
June	1,353,080	1,496,283	1,470,027	1,586,964	
July	1,359,445	1,510,365	1,466,399	1,587,154	
August	1,386,797	1,543,699	1,518,479	1,641,340	
September	1,417,821	1,573,502	1,537,426	1,668,186	
October	<u>1,533,075</u>	<u>1,655,879</u>	1,631,513	1,804,048	
November	1,481,813	1,632,494	1,617,311	1,809,175	
December	1,516,702	1,629,452	<u>1,640,012</u>	<u>1,820,186</u>	
TOTAL	16,873,342	18,423,813	18,434,940	19,848,503	



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Dominion Statistician, R. H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)  
Chief, Transportation and Public Utilities Branch, G. S. Wrong, B.Sc.

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

APRIL, 1940.

The production of electric energy for firm purposes in Canada reached a new high level in April, the index rising to 240.58 as against the previous peak of 229.52 for March. This firm power is computed by deducting the exports to the United States and deliveries of secondary power to electric boilers from the total output. The total output amounted to 2,398,722,000 kilowatt hours as against 2,197,379,000 kilowatt hours in April 1939 and 2,426,157,000 kilowatt hours in March this year. On a daily basis the output was 79,957,000 kilowatt hours in April and 78,263,000 kilowatt hours in March, and the index was 243.15 compared with 239.02 for March and the peak of 248.11 for November last.

Exports to the United States rose to 170,600,000 kilowatt hours from 155,402,000 kilowatt hours in March and 141,523,000 kilowatt hours in April 1939.

Deliveries of secondary power to electric boilers dropped to 393,548,000 kilowatt hours from 435,316,000 kilowatt hours in March and 495,714,000 kilowatt hours a year ago.

Consumption of firm power was 1,834,573,000 kilowatt hours as against 1,560,142,000 in April 1939. There were five Sundays and five Saturdays, light consumption days, in both April 1939 and March 1940 which would affect the above comparisons with April 1940 which contained four Sundays and four Saturdays.

23/5/40.

Price per year 50 cents.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>MONTHLY OUTPUTS</u>						
<u>Generated by Water Power</u>						
April, 1940	2,359,999	61,023	1,241,559	723,794	165,194	168,429
March, 1940	2,382,682	42,451	1,283,967	707,574	177,704	170,986
April, 1939	2,163,890	51,310	1,169,572	621,854	161,439	159,715
<u>Generated by Fuel</u>						
April, 1940	38,723	16,215	382	...	21,653	473
March, 1940	43,475	19,709	394	...	22,867	505
April, 1939	33,489	13,365	338	...	19,442	344
<u>Total Output</u>						
April, 1940	2,389,722	77,238	1,241,941	723,794	186,847	168,902
March, 1940	2,426,157	62,160	1,284,361	707,574	200,571	171,491
April, 1939	2,197,379	64,675	1,169,910	621,854	180,881	160,059
<u>Total to Date</u>						
1940	9,718,053	269,968	5,117,262	2,858,165	800,001	672,657
1939	9,165,272	264,531	4,920,659	2,568,987	785,360	625,735
<u>PROVINCIAL CONSUMPTIONS 1/</u>						
April, 1940	2,228,121	75,779	912,654	884,048	188,490	167,150
March, 1940	2,270,755	60,474	967,193	871,150	202,527	169,411
April, 1939	2,055,856	63,360	888,629	763,030	182,249	158,588
<u>Total to Date</u>						
1940	9,103,093	263,213	3,854,291	3,513,428	807,478	664,683
1939	8,537,922	258,430	3,764,601	3,104,267	791,175	619,449

INDEX NUMBERS

	January	February	March	April	May	June
						<u>TOTAL</u>
1938	220.06	215.83	222.48	212.63	210.15	209.82
1939	230.01	232.31	233.17	226.39	235.54	238.79
1940	243.42	239.79	239.02	243.15		
<u>OUTPUT LESS EXPORTS AND</u>						
1938	190.46	192.28	196.71	194.12	193.33	197.01
1939	201.02	199.31	201.83	204.59	208.47	212.63
1940	226.46	223.33	229.52	240.58		

1/ Production plus provincial imports less provincial exports.

3/ New Brunswick only.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
			<u>DAILY AVERAGE OUTPUTS 2/</u>			
	78,666	2,034	41,385	24,127	5,506	5,614
	78,860	1,369	41,418	22,825	5,732	5,516
	72,130	1,710	38,986	20,728	5,382	5,324
	1,291	540	13	...	722	16
	1,403	636	13	...	738	16
	1,116	446	11	...	648	11
	79,957	2,574	41,398	24,127	6,228	5,630
	78,263	2,005	41,431	22,825	6,470	5,532
	73,246	2,156	38,997	20,728	6,030	5,335
	80,314	2,231	42,291	23,621	6,612	5,559
	76,377	2,204	41,006	21,408	6,545	5,214
			<u>DELIVERIES TO ELECTRIC BOILERS</u>			
		<u>3/</u>			<u>4/</u>	
	393,548	2,536	261,057	87,779	41,908	268
	435,316	...	309,838	74,894	50,332	252
	495,714	1,100	336,747	111,306	46,329	232
	1,852,481	2,911	1,292,963	358,675	196,918	1,014
	2,230,328	7,885	1,538,023	461,307	222,109	1,004

(AVERAGE, 1926 = 100)

	July	August	September	October	November	December
<u>OUTPUT</u>						
	212.28	218.31	224.10	221.27	226.49	221.95
	235.56	241.14	246.03	245.59	<u>248.11</u>	239.21
<u>DELIVERIES TO ELECTRIC BOILERS</u>						
	196.70	<u>200.06</u>	199.94	194.39	194.51	193.98
	212.90	216.25	216.34	215.50	<u>217.70</u>	215.29

2/ No allowance is made for the effect of holidays, Sundays or Saturdays, etc.  
4/ Manitoba only.



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1936	1937	1938	1939	1940
January	2,091,497	2,317,906	2,283,691	2,386,979	2,526,143
February	1,938,978	2,146,578	2,057,598	2,214,174	2,367,031
March	2,135,640	2,412,259	2,258,197	2,366,740	2,426,157
April	2,164,628	2,322,884	2,063,801	2,197,379	2,398,722
Sub-Total	8,330,743	9,199,627	8,663,287	9,165,272	9,718,053
May	2,083,363	2,301,167	2,081,935	2,333,443	
June	2,028,980	2,255,338	1,973,155	2,245,537	
July	2,021,147	2,188,055	1,987,774	2,205,844	
August	2,020,416	2,197,725	2,075,901	2,293,032	
September	2,041,423	2,204,291	2,168,435	2,380,652	
October	2,280,508	2,365,052	2,333,461	2,589,956	
November	2,261,979	2,414,676	2,375,661	2,601,535	
December	2,325,733	2,457,996	2,353,196	2,536,242	
TOTAL	25,394,292	27,583,927	26,012,805	28,351,514	

EXPORTS TO THE UNITED STATES

January	118,050	134,931	157,532	166,915	149,050
February	110,684	138,041	123,094	153,491	139,908
March	125,921	172,695	144,091	165,422	155,402
April	125,496	164,250	135,616	141,523	170,600
Sub-Total	480,151	609,917	560,333	627,351	614,960
May	130,530	161,033	155,292	164,520	
June	157,871	158,657	158,313	163,063	
July	157,543	164,057	159,349	162,973	
August	143,342	162,617	149,493	177,834	
September	125,127	143,441	151,691	159,713	
October	129,323	142,736	165,455	151,794	
November	126,152	145,549	165,299	155,247	
December	128,070	159,093	161,290	150,138	
TOTAL	1,578,109	1,847,100	1,826,511	1,912,633	

OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January	1,413,216	1,474,787	1,558,575	1,644,983	1,853,157
February	1,298,872	1,344,387	1,435,998	1,488,480	1,727,442
March	1,387,512	1,532,912	1,573,090	1,613,989	1,835,439
April	1,353,605	1,510,508	1,480,284	1,560,142	1,834,573
Sub-Total	5,453,205	5,862,594	6,074,947	6,307,594	7,250,611
May	1,371,404	1,519,545	1,505,826	1,623,856	
June	1,353,080	1,496,283	1,470,027	1,586,964	
July	1,359,445	1,510,365	1,466,399	1,587,154	
August	1,386,797	1,543,699	1,518,479	1,641,340	
September	1,417,821	1,573,502	1,537,426	1,668,186	
October	1,533,075	1,655,879	1,631,513	1,804,048	
November	1,481,813	1,632,494	1,617,311	1,809,175	
December	1,516,702	1,629,452	1,640,012	1,820,186	
TOTAL	16,873,342	18,423,813	18,434,940	19,848,503	

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TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
O T T A W A

No. 5.

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Dominion Statistician, R. H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)  
Chief, Transportation and Public Utilities Branch, G. S. Wrong, B.Sc.

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

MAY, 1940.

Central electric stations produced 2,671,567,000 kilowatt hours in May, the greatest output of any month to date, although on a daily basis of 86,180,000 kilowatt hours the average was second to November 1939 average of 86,718,000 kilowatt hours. The index number, adjusted for the unequal number of days in the month and other seasonal factors was 269.67, exceeding the previous peak of 248.11 for last November by over 21 points.

Exports to the United States amounted to 193,353,000 kilowatt hours as against 170,600,000 kilowatt hours for April and 164,520,000 kilowatt hours for May last year. This was also a new high record.

Deliveries of secondary power to electric boilers increased from 393,548,000 kilowatt hours for April to 536,585,000 kilowatt hours, but were below the deliveries of 545,067,000 kilowatt hours for May last year.

The consumption of firm power reached a new high record of 1,941,629,000 kilowatt hours and the index number rose to 249.27 as against the previous peak of 240.58 for April. On a daily basis this was also a new high record.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia	
<u>MONTHLY OUTPUTS</u>							
<u>Total Output</u>							
May, 1940	2,671,567	80,312	1,444,690	786,756	185,150	174,659	
April, 1940	2,398,722	77,238	1,241,941	723,794	186,847	168,902	
May, 1939	2,333,443	74,253	1,261,190	657,326	176,098	164,576	
<u>Generated by Water Power</u>							
May, 1940	2,631,766	63,925	1,444,311	786,756	163,414	173,360	
April, 1940	2,359,999	61,023	1,241,559	723,794	165,194	168,429	
May, 1939	2,298,531	60,186	1,260,850	657,326	155,941	164,228	
<u>Generated by Fuel</u>							
May, 1940	39,801	16,387	379	-- ...	21,736	1,299	
April, 1940	38,723	16,215	382	...	21,653	473	
May, 1939	34,912	14,067	340	...	20,157	348	
<u>Total to Date</u>							
1940	12,389,620	350,280	6,561,952	3,644,921	985,151	847,316	
1939	11,498,715	338,784	6,181,849	3,226,313	961,458	790,311	
<u>PROVINCIAL CONSUMPTIONS 1/</u>							
May, 1940	2,478,214	78,852	1,092,838	946,831	186,956	172,737	
April, 1940	2,228,121	75,779	912,654	884,048	188,490	167,150	
May, 1939	2,168,922	72,782	961,173	794,400	177,551	163,016	
<u>Total to Date</u>							
1940	11,581,307	342,065	4,947,129	4,460,259	994,434	837,420	
1939	10,706,845	331,212	4,725,774	3,898,667	968,726	782,466	
<u>INDEX NUMBERS</u>							
	January	February	March	April	May	June	
						<u>TOTAL</u>	
1938	220.06	215.88	222.48	212.63	210.15	209.82	
1939	230.01	232.31	233.17	226.39	235.54	238.79	
1940	243.42	239.79	239.02	x247.14	269.67		
<u>OUTPUT LESS EXPORTS AND</u>							
1938	190.46	192.28	196.71	194.12	193.33	197.01	
1939	201.02	199.31	201.83	204.59	208.47	212.63	
1940	226.46	223.33	229.52	240.58	249.27		

1/ Production plus provincial imports less provincial exports.

3/ New Brunswick only.

x Revised



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS 2/</u>						
	86,180	2,591	46,603	25,379	5,973	5,634
	79,957	2,574	41,398	24,127	6,228	5,630
	75,272	2,395	40,684	21,203	5,680	5,309
	84,896	2,062	46,591	25,379	5,272	5,592
	78,666	2,034	41,385	24,127	5,506	5,614
	74,146	1,941	40,673	21,204	5,030	5,298
	1,284	529	12	...	701	42
	1,291	540	13	...	722	16
	1,126	454	11	...	650	11
	81,510	2,304	43,171	23,980	6,481	5,574
	76,150	2,244	40,939	21,366	6,367	5,234
<u>DELIVERIES TO ELECTRIC BOILERS</u>						
	536,585	<u>3/</u> 895	398,126	104,261	<u>4/</u> 33,024	279
	393,548	2,536	261,057	87,779	41,908	268
	545,067	1,722	395,175	109,586	38,298	286
	2,389,066	3,806	1,691,089	462,936	229,942	1,293
	2,775,395	9,607	1,933,198	570,893	260,407	1,290

(AVERAGE, 1926 = 100)

	July	August	September	October	November	December
<u>OUTPUT</u>						
	212.28	218.31	224.10	221.27	<u>226.49</u>	221.95
	235.56	241.14	246.03	245.59	<u>248.11</u>	239.21
<u>DELIVERIES TO ELECTRIC BOILERS</u>						
	196.70	<u>200.06</u>	199.84	194.89	194.51	193.98
	212.90	216.25	216.84	215.50	<u>217.70</u>	215.29

2/ No allowance is made for the effect of holidays, Sundays, or Saturdays, etc.  
4/ Manitoba only.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1936	1937	1938	1939	1940
January	2,091,497	2,317,906	2,283,691	2,386,979	2,526,143
February	1,938,978	2,146,578	2,057,598	2,214,174	2,367,031
March	2,135,640	2,412,259	2,258,197	2,366,740	2,426,157
April	2,164,628	2,322,884	2,063,801	2,197,379	2,398,722
May	2,083,363	2,301,157	2,081,935	2,333,443	2,671,567
Sub-Total	10,414,106	11,500,794	10,742,222	11,498,715	12,389,620
June	2,028,980	2,255,335	1,973,155	2,245,537	
July	2,021,147	2,188,055	1,987,774	2,205,844	
August	2,020,416	2,197,725	2,075,901	2,293,032	
September	2,041,423	2,204,291	2,168,435	2,380,652	
October	2,280,508	2,365,052	2,333,461	2,589,956	
November	2,261,979	2,414,676	2,375,661	2,601,535	
December	2,325,733	2,457,305	2,353,196	2,536,242	
TOTAL	25,394,292	27,583,927	25,012,805	28,351,514	

EXPORTS TO THE UNITED STATES

January	118,050	134,931	157,532	166,915	149,050
February	110,684	138,041	123,094	153,491	139,908
March	125,921	172,695	144,091	165,422	155,402
April	125,496	164,250	135,616	141,523	170,600
May	130,530	161,033	155,292	164,520	193,353
Sub-Total	610,681	770,950	715,625	791,871	808,313
June	157,871	158,657	158,313	163,063	
July	157,543	164,057	159,349	162,973	
August	143,342	162,617	149,493	177,834	
September	125,127	143,441	151,691	159,713	
October	129,323	142,736	165,455	151,794	
November	126,152	145,549	165,299	155,247	
December	128,070	159,093	161,290	150,136	
TOTAL	1,578,104	1,847,100	1,826,515	1,912,633	

OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January	1,413,216	1,474,787	1,558,575	1,644,983	1,853,157
February	1,298,872	1,344,387	1,435,998	1,488,480	1,727,442
March	1,387,512	1,532,912	1,573,090	1,613,989	1,835,439
April	1,353,605	1,510,508	1,480,284	1,560,142	1,834,573
May	1,371,404	1,519,545	1,505,826	1,623,856	1,941,629
Sub-Total	6,824,609	7,382,139	7,553,773	7,931,450	9,192,240
June	1,353,080	1,496,283	1,470,027	1,586,964	
July	1,359,145	1,510,365	1,466,399	1,587,154	
August	1,386,797	1,543,699	1,518,479	1,641,340	
September	1,417,821	1,573,502	1,537,426	1,668,186	
October	1,533,075	1,655,879	1,631,513	1,804,048	
November	1,481,813	1,632,494	1,617,311	1,809,175	
December	1,516,702	1,629,452	1,640,012	1,820,186	
TOTAL	16,873,342	18,423,813	18,434,940	19,848,503	

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Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
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No. 6.

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Dominion Statistician, R. H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)  
Chief, Transportation and Public Utilities Branch, G. S. Wrong, B.Sc.

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

JUNE, 1940

The output of central electric stations in June amounted to 2,578,883,000 kilowatt hours compared with 2,671,567,000 in May and 2,245,537,000 in June last year. The index number adjusted for the uneven number of days in the months and other seasonal factors rose to a new high at 274.24.

Exports to the United States amounted to 190,704,000 kilowatt hours or 6,356,800 kilowatt hours per day compared with an average of 6,237,000 kilowatt hours in May, and was the highest daily average exported to date.

Deliveries of secondary power to electric boilers amounted to 527,443,000 kilowatt hours compared with 536,585,000 in May, and 495,510,000 in June 1939.

Consumption of firm power (output less exports and secondary power delivered to electric boilers) was 1,860,736,000 kilowatt hours against the peak of 1,941,629,000 in May, but after adjustment for seasonal variations the index number rose to a new high point at 249.31.



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>MONTHLY OUTPUTS</u>						
<u>Total Output</u>						
June, 1940	2,578,883	79,313	1,412,814	755,571	160,979	170,206
May, 1940	2,671,567	80,312	1,444,690	786,756	185,150	174,659
June, 1939	2,245,537	78,281	1,211,639	637,696	156,940	160,981
<u>Generated By Water Power</u>						
June, 1940	2,536,784	59,993	1,412,453	755,571	140,215	168,552
May, 1940	2,631,766	63,925	1,444,311	786,756	163,414	173,360
June, 1939	2,209,398	62,491	1,211,302	637,696	137,269	160,640
<u>Generated by Fuel</u>						
June, 1940	42,099	19,320	361	...	20,764	1,654
May, 1940	39,801	16,387	379	...	21,736	1,299
June, 1939	36,139	15,790	337	...	19,671	341
<u>Total to Date</u>						
1940	14,968,503	429,593	7,974,766	4,400,492	1,146,130	1,017,522
1939	13,744,252	417,065	7,393,488	3,864,009	1,118,398	951,292
<u>PROVINCIAL CONSUMPTIONS 1/</u>						
June, 1940	2,388,180	77,972	1,087,747	891,390	162,619	168,452
May, 1940	2,478,214	78,852	1,092,838	946,831	186,956	172,737
June, 1940	2,082,474	76,803	923,873	763,984	158,363	159,451
<u>Total to Date</u>						
1940	13,969,487	420,037	6,034,876	5,351,649	1,157,053	1,005,872
1939	12,789,319	408,015	5,649,647	4,662,651	1,127,089	941,917

INDEX NUMBERS

	January	February	March	April	May	June
						<u>TOTAL</u>
1938	220.06	215.88	222.48	212.63	210.15	209.82
1939	230.01	232.31	233.17	226.39	235.54	238.79
1940	243.42	239.79	239.02	247.14	269.67	<u>274.24</u>
<u>OUTPUT LESS EXPORTS AND</u>						
1938	190.46	192.28	196.71	194.12	193.33	197.01
1939	201.02	199.31	201.83	204.59	208.47	212.63
1940	226.46	223.33	229.52	240.58	249.27	<u>249.31</u>

1/ Production plus provincial imports less provincial exports.

3/ New Brunswick only.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS 2/</u>						
	85,963	2,644	47,094	25,186	5,366	5,673
	86,180	2,591	46,603	25,379	5,973	5,634
	74,851	2,609	40,388	21,257	5,231	5,366
	84,560	2,000	47,082	25,186	4,674	5,618
	84,896	2,062	46,591	25,379	5,272	5,592
	73,647	2,083	40,377	21,257	4,575	5,355
	1,403	644	12	000	692	55
	1,284	529	12	000	701	42
	1,204	526	11	000	656	11
	167,473	4,948	90,265	49,166	11,847	11,247
	75,935	2,304	40,848	21,348	6,179	5,256
<u>DELIVERIES TO ELECTRIC BOILERS</u>						
	527,443	<u>3/</u> 1,769	414,348	93,600	<u>4/</u> 17,463	263
	536,585	895	398,126	104,261	33,024	279
	495,510	4,576	370,695	95,028	24,969	242
	2,916,509	5,575	2,105,437	556,536	247,405	1,556
	3,270,905	14,183	2,303,893	665,921	285,376	1,532

(AVERAGE, 1926 = 100)

	July	August	September	October	November	December
<u>OUTPUT</u>						
	212.28	218.31	224.10	221.27	<u>226.49</u>	221.95
	235.56	241.14	246.03	245.59	<u>248.11</u>	239.21
<u>DELIVERIES TO ELECTRIC BOILERS</u>						
	196.70	<u>200.06</u>	199.84	194.89	194.51	193.98
	212.90	216.25	216.84	215.50	<u>217.70</u>	215.29

2/ No allowance is made for the effect of holidays, Sundays, or Saturdays,  
4/ Manitoba only. etc.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1936	1937	1938	1939	1940
January	2,091,497	2,317,906	2,283,691	2,386,979	2,526,143
February	1,938,978	2,146,578	2,057,598	2,214,174	2,367,031
March	2,135,640	2,412,259	2,258,197	2,366,740	2,426,157
April	2,164,628	2,322,884	2,063,801	2,197,379	2,398,722
May	2,083,363	2,301,167	2,081,935	2,333,443	2,671,567
June	2,028,980	2,255,338	1,973,155	2,245,537	2,578,883
Sub-Total	12,443,086	13,756,132	12,718,377	13,744,252	14,968,503
July	2,021,147	2,188,055	1,987,774	2,205,844	
August	2,020,416	2,197,725	2,075,901	2,293,032	
September	2,041,423	2,204,291	2,168,435	2,380,652	
October	2,280,508	2,365,052	2,333,461	2,589,956	
November	2,261,979	2,414,676	<u>2,375,661</u>	<u>2,601,535</u>	
December	<u>2,325,333</u>	<u>2,457,995</u>	2,353,196	2,536,242	
TOTAL	25,394,292	27,583,927	26,012,805	28,351,514	

EXPORTS TO THE UNITED STATES

January	118,050	134,931	157,532	166,915	149,050
February	110,684	138,041	123,094	153,491	139,908
March	125,921	<u>172,695</u>	144,091	165,422	155,402
April	125,496	164,250	135,616	141,523	170,600
May	130,530	161,033	155,292	164,520	193,353
June	<u>157,871</u>	158,657	158,313	163,063	190,704
Sub-Total	768,552	929,607	873,936	954,934	999,017
July	157,543	164,057	159,349	162,973	
August	143,342	162,617	149,493	<u>177,834</u>	
September	125,127	143,441	151,691	159,713	
October	129,323	142,736	<u>165,455</u>	151,794	
November	126,152	145,549	165,299	155,247	
December	128,070	159,093	161,290	150,138	
TOTAL	1,578,109	1,847,100	1,826,515	1,912,633	

OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January	1,413,216	1,474,787	1,558,575	1,644,983	1,853,157
February	1,298,872	1,344,387	1,435,998	1,488,480	1,727,442
March	1,387,512	1,532,912	1,573,090	1,613,989	1,835,439
April	1,353,605	1,510,508	1,480,284	1,560,142	1,834,573
May	1,371,404	1,519,545	1,505,826	1,623,856	1,941,629
June	1,353,080	1,496,283	1,470,027	1,586,964	1,860,736
Sub-Total	8,177,689	8,878,422	9,023,800	9,518,414	11,052,976
July	1,359,445	1,510,365	1,466,399	1,587,154	
August	1,386,797	1,543,699	1,518,479	1,641,340	
September	1,417,821	1,573,502	1,537,426	1,668,186	
October	<u>1,533,075</u>	<u>1,655,879</u>	1,631,513	1,804,048	
November	1,491,813	1,632,494	1,617,311	1,809,175	
December	1,516,702	1,629,452	<u>1,640,012</u>	<u>1,820,186</u>	
TOTAL	16,873,342	18,423,813	18,434,940	19,848,503	



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DOMINION BUREAU OF STATISTICS  
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No. 6

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Dominion Statistician: R. H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)  
Chief, Transportation and Public Utilities Branch: G. S. Wrong, B.Sc.

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

JULY, 1940

The output of central electric stations in July amounted to 2,615,232,000 kilowatt hours compared with 2,578,883,000 in June and 2,205,844,000 in July last year. The index number adjusted for the uneven number of days in the months and other seasonal factors rose to a new high at 279.28.

Exports to the United States amounted to 203,058,000 kilowatt hours compared with 190,704,000 kilowatt hours in June and 162,973,000 kilowatt hours in July, 1939, and was the highest daily average exported to date.

Deliveries of secondary power to electric boilers amounted to 519,578,000 kilowatt hours compared with 527,443,000 in June, and 455,716,000 in July, 1939.

Consumption of firm power (output less exports and secondary power delivered to electric boilers) was 1,892,596,000 kilowatt hours against the peak of 1,941,629,000 in May, but after adjustment for seasonal variations the index number rose to a new high point at 253.88.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>Total Output</u>		<u>MONTHLY OUTPUTS</u>				
July, 1940	2,615,232	82,102	1,449,409	748,189	158,151	177,381
June, 1940	2,578,883	79,313	1,412,814	755,571	160,979	170,206
July, 1939	2,205,844	76,934	1,187,733	625,857	149,778	165,542
<u>Generated by Water Power</u>						
July, 1940	2,570,178	62,201	1,449,025	748,189	136,312	174,451
June, 1940	2,536,784	59,993	1,412,453	755,571	140,215	168,552
July, 1939	2,167,919	60,591	1,187,368	625,857	129,381	164,722
<u>Generated by Fuel</u>						
July, 1940	45,054	19,901	384	...	21,839	2,930
June, 1940	42,099	19,320	361	...	20,764	1,654
July, 1939	37,925	16,343	365	...	20,397	820
<u>Total to Date</u>						
1940	17,583,735	511,695	9,424,175	5,148,681	1,304,281	1,194,903
1939	15,950,096	493,999	8,581,221	4,489,866	1,268,176	1,116,834
		<u>PROVINCIAL CONSUMPTIONS 1/</u>				
July, 1940	2,412,173	80,829	1,108,057	887,383	159,989	175,415
June, 1940	2,388,180	77,972	1,087,747	891,390	162,619	168,452
July, 1939	2,042,871	75,436	911,198	741,038	151,318	163,881
<u>Total to Date</u>						
1940	16,381,660	500,866	7,142,933	6,239,532	1,317,042	1,181,287
1939	14,832,190	483,451	6,560,845	5,403,689	1,278,407	1,105,798

INDEX NUMBERS

	January	February	March	April	May	June
						<u>TOTAL</u>
1938	220.06	215.88	222.48	212.63	210.15	209.82
1939	230.01	232.31	233.17	226.39	235.54	238.79
1940	243.42	239.79	239.02	247.14	269.67	274.24
				<u>OUTPUT LESS EXPORTS AND</u>		
1938	190.46	192.28	196.71	194.12	193.33	197.01
1939	201.02	199.31	201.83	204.59	208.47	212.63
1940	226.46	223.33	229.52	240.58	249.27	249.31

1/ Production plus provincial imports less provincial exports.

3/ New Brunswick only.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS 2/</u>					
84,362	2,648	46,755	24,135	5,102	5,722
85,963	2,644	47,094	25,186	5,366	5,673
71,156	2,481	38,314	20,189	4,832	5,340
82,908	2,006	46,743	24,135	4,397	5,627
84,560	2,000	47,082	25,186	4,674	5,618
69,933	1,954	38,302	20,189	4,174	5,314
1,454	642	12	...	705	95
1,403	644	12	...	692	55
1,223	527	12	...	658	26
251,835	7,596	137,020	73,301	16,949	16,969
75,236	2,330	40,477	21,179	5,982	5,268
<div> <div>3/</div> <div>DELIVERIES TO ELECTRIC BOILERS</div> <div>4/</div> </div>					
519,578	3,439	420,253	83,486	12,134	266
527,443	1,769	414,348	93,600	17,463	263
455,716	4,130	343,120	88,148	20,043	275
3,436,087	9,014	2,525,690	640,022	259,539	1,822
3,726,621	18,313	2,647,013	754,069	305,419	1,807

(AVERAGE, 1926 = 100)

July	August	September	October	November	December
<u>OUTPUT</u>					
212.28	218.31	224.10	221.27	226.49	221.95
235.56	241.14	246.03	245.59	248.11	239.21
279.28					
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
196.70	200.06	199.84	194.89	194.51	193.98
212.90	216.25	216.84	215.50	217.70	215.29
253.38					

2/ No allowance is made for the effect of holidays, Sundays, or Saturdays, etc.

4/ Manitoba only.



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1936	1937	1938	1939	1940
January	2,091,497	2,317,906	2,283,691	2,386,979	2,526,143
February	1,938,978	2,146,578	2,057,598	2,214,174	2,367,031
March	2,135,640	2,412,259	2,258,197	2,366,740	2,426,157
April	2,164,628	2,322,884	2,063,301	2,197,379	2,398,722
May	2,083,363	2,301,167	2,081,935	2,333,443	2,671,567
June	2,028,980	2,255,338	1,973,155	2,245,537	2,578,883
July	2,021,147	2,188,055	1,987,774	2,205,844	2,615,232
Sub-Total	14,464,233	15,944,187	14,706,151	15,950,096	17,583,735
August	2,020,416	2,197,725	2,075,901	2,293,032	
September	2,041,423	2,204,291	2,168,435	2,380,652	
October	2,280,508	2,365,052	2,333,461	2,589,956	
November	2,261,979	2,414,676	<u>2,375,661</u>	<u>2,601,535</u>	
December	<u>2,325,733</u>	<u>2,457,996</u>	<u>2,353,196</u>	<u>2,536,242</u>	
TOTAL	25,394,292	27,583,927	26,012,805	28,351,514	

EXPORTS TO THE UNITED STATES

January	118,050	134,931	157,532	166,915	149,050
February	110,684	138,041	123,094	153,491	139,908
March	125,921	<u>172,695</u>	144,091	165,422	155,402
April	125,496	164,250	135,616	141,523	170,600
May	130,530	161,033	155,292	164,520	193,353
June	157,871	158,657	158,313	163,063	190,704
July	157,543	164,057	159,349	162,973	203,058
Sub-Total	926,095	1,093,664	1,033,287	1,117,907	1,202,075
August	143,342	162,617	149,493	<u>177,834</u>	
September	125,127	143,441	151,691	<u>159,713</u>	
October	129,323	142,736	<u>165,455</u>	151,794	
November	126,152	145,549	<u>165,299</u>	155,247	
December	128,070	159,093	161,290	150,138	
TOTAL	1,578,109	1,847,100	1,826,515	1,912,633	

OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January	1,413,216	1,474,787	1,558,575	1,644,983	1,853,157
February	1,298,872	1,344,387	1,435,998	1,488,480	1,727,442
March	1,387,512	1,532,912	1,573,090	1,613,989	1,835,439
April	1,353,605	1,510,508	1,480,284	1,560,142	1,834,573
May	1,371,404	1,519,545	1,505,826	1,623,856	1,941,629
June	1,353,080	1,496,283	1,470,027	1,586,964	1,860,736
July	1,359,445	1,510,365	1,466,399	1,587,154	1,892,596
Sub-Total	9,537,134	10,388,787	10,490,199	11,105,568	12,945,572
August	1,386,797	1,543,699	1,518,479	1,641,340	
September	1,417,821	1,573,502	1,537,426	1,668,186	
October	<u>1,533,075</u>	<u>1,655,879</u>	<u>1,631,513</u>	1,804,048	
November	<u>1,481,813</u>	<u>1,632,494</u>	1,617,311	1,809,175	
December	<u>1,516,702</u>	<u>1,629,452</u>	<u>1,640,012</u>	<u>1,820,186</u>	
TOTAL	16,873,342	18,423,813	18,434,940	19,848,503	

DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
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57-0-21

No. 7.

Dominion Statistician: R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.)  
Chief, Transportation and Public Utilities Branch: G.S. Wrong, B.Sc.

OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

AUGUST, 1940

The output of central electric stations during August declined to 2,500,179,000 kilowatt hours from 2,615,232,000 kilowatt hours in July and the index number dropped from a peak of 279.28 to 262.92. The decrease was principally in secondary power delivered to electric boilers which decreased by 152,627,000 kilowatt hours, or 29 per cent.

Exports to the United States of secondary power also decreased from 78,330,000 to 71,513,000 kilowatt hours and total exports decreased from 203,058,000 to 192,232,000 kilowatt hours.

Firm power consumed in Canada (total output less exports and secondary power delivered to electric boilers) rose to 1,940,996,000 kilowatt hours which was the second highest on record, being exceeded only by the May record. After adjustment for seasonal variations the index number rose to a new high at 255.73 compared to the previous record of 253.88 for July, 249.27 for May, and 216.25 for August 1939.

ERRATA

Please correct June and July reports as follows:-

DAILY AVERAGE OUTPUTS

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
June, 1940	82,244	2,360	43,817	24,178	6,297	5,591
July, 1940	82,552	2,402	44,245	24,172	6,123	5,610

26/9/40

Price per year 50 cents

**OUTPUT OF CENTRAL ELECTRIC STATIONS**  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<b>MONTHLY OUTPUTS</b>						
<u>Total Output</u>						
August, 1940	2,500,179	76,076	1,357,493	729,936	152,442	184,232
July, 1940	2,615,232	82,102	1,449,409	748,189	158,151	177,381
August, 1939	2,293,032	79,970	1,235,703	651,918	155,882	169,559
<u>Generated by Water Power</u>						
August, 1940	2,431,810	85,347	1,357,058	729,936	129,539	179,930
July, 1940	2,570,172	82,201	1,449,025	748,189	136,312	174,451
August, 1939	2,252,316	62,610	1,235,320	651,918	133,851	168,609
<u>Generated by Fuel</u>						
August, 1940	48,369	20,729	435	...	22,903	4,302
July, 1940	45,054	19,901	384	...	21,839	2,930
August, 1939	40,716	17,352	383	...	22,031	950
<u>Total to Date</u>						
1940	20,083,914	587,771	10,781,668	5,878,617	1,456,723	1,379,135
1939	18,243,128	573,969	9,816,924	5,141,784	1,424,058	1,286,393
<b>PROVINCIAL CONSUMPTIONS 1/</b>						
August, 1940	2,307,947	74,808	1,022,598	874,007	154,098	182,436
July, 1940	2,412,173	80,829	1,108,057	887,883	159,989	175,415
August, 1939	2,115,198	78,548	943,355	767,990	157,790	167,515
<u>Total to Date</u>						
1940	18,689,607	575,674	8,165,531	7,113,539	1,471,140	1,363,723
1939	16,947,388	561,999	7,504,200	6,171,679	1,436,197	1,273,313
<b>INDEX NUMBERS</b>						
	January	February	March	April	May	June
						<b>TOTAL</b>
1938	220.06	215.88	222.48	212.63	210.15	209.82
1939	230.01	232.31	233.17	226.39	235.54	238.79
1940	243.42	239.79	239.02	247.14	269.67	274.24
<b>OUTPUT LESS EXPORTS AND</b>						
1938	190.46	192.28	196.71	194.12	193.33	197.01
1939	201.02	199.31	201.83	204.59	208.47	212.63
1940	226.46	223.33	229.52	240.58	249.27	249.31

1/ Production plus provincial imports less provincial exports.

3/ New Brunswick only.



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS 2/</u>					
80,651	2,454	43,790	23,546	4,918	5,943
84,362	2,648	46,755	24,135	5,102	5,722
73,969	2,580	39,861	21,030	5,029	5,469
79,091	1,786	43,776	23,546	4,179	5,804
82,908	2,006	46,743	24,135	4,397	5,627
72,656	2,020	39,849	21,030	4,318	5,439
1,560	668	14	...	739	139
1,454	642	12	...	705	95
1,313	559	12	...	711	31
82,311	2,409	44,187	24,093	5,970	5,652
75,075	2,362	40,399	21,160	5,860	5,294
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
366,951	3/ 605	303,026	56,738	4/ 6,212	370
519,578	3,439	420,253	83,486	12,134	266
473,859	8,985	352,030	93,600	19,007	237
3,803,038	9,619	2,828,716	696,760	265,751	2,192
4,200,480	27,298	2,999,043	847,669	324,426	2,044

(AVERAGE, 1926-100)

July	August	September	October	November	December
<u>OUTPUT</u>					
212.28	218.31	224.10	221.27	<u>226.49</u>	221.95
235.56	241.14	246.03	245.59	<u>248.11</u>	239.21
<u>279.28</u>	262.92				
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
196.70	<u>200.06</u>	199.84	194.89	194.51	193.98
212.90	216.25	216.84	215.50	<u>217.70</u>	215.29
253.88	<u>255.73</u>				

2/ No allowance is made for the effect of holidays, Sundays, or Saturdays, etc.

4/ Manitoba only.

## (Thousands of Kilowatt Hours)

Month	1936	1937	1938	1939	1940
January	2,091,497	2,317,906	2,283,691	2,386,979	2,526,143
February	1,938,978	2,146,578	2,057,598	2,214,174	2,367,031
March	2,135,640	2,412,259	2,258,197	2,366,740	2,426,157
April	2,164,628	2,322,884	2,063,801	2,197,379	2,398,722
May	2,083,363	2,301,167	2,081,935	2,333,443	2,671,567
June	2,028,980	2,255,338	1,973,155	2,245,537	2,578,883
July	2,021,147	2,188,055	1,987,774	2,205,844	2,615,232
August	2,020,416	2,197,725	2,075,901	2,293,032	2,500,179
Sub-Total	16,484,649	18,141,912	16,782,052	18,243,128	20,083,914
September	2,041,423	2,204,291	2,168,435	2,380,652	
October	2,280,508	2,365,052	2,333,461	2,589,956	
November	2,261,979	2,414,676	<u>2,375,661</u>	<u>2,601,535</u>	
December	<u>2,325,733</u>	<u>2,457,996</u>	2,353,196	2,536,242	
TOTAL	25,394,292	27,583,927	26,012,805	28,351,514	
EXPORTS TO THE UNITED STATES					
January	118,050	134,931	157,532	166,915	149,050
February	110,684	138,041	123,094	153,491	139,908
March	125,921	<u>172,695</u>	144,091	165,422	155,402
April	125,496	164,250	135,616	141,523	170,600
May	130,530	161,033	155,292	164,520	193,353
June	<u>157,871</u>	158,657	158,313	163,063	190,704
July	157,543	164,057	159,349	162,973	203,058
August	143,342	162,617	149,493	<u>177,834</u>	192,232
Sub-Total	1,069,437	1,250,281	1,182,730	1,295,741	1,394,307
September	125,127	143,441	151,691	159,713	
October	129,323	142,736	<u>165,455</u>	151,794	
November	126,152	145,549	165,299	155,247	
December	128,070	159,093	161,290	150,138	
TOTAL	1,578,109	1,847,100	1,926,515	1,912,633	
OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS					
January	1,413,216	1,474,787	1,558,575	1,644,983	1,853,157
February	1,298,872	1,344,397	1,435,998	1,488,480	1,727,442
March	1,387,512	1,532,912	1,573,090	1,613,989	1,835,439
April	1,353,605	1,510,508	1,480,284	1,560,142	1,834,573
May	1,371,404	1,519,545	1,505,826	1,623,856	1,941,629
June	1,353,080	1,496,283	1,470,027	1,586,964	1,860,736
July	1,359,445	1,510,365	1,466,399	1,527,154	1,892,596
August	1,386,797	1,543,699	1,518,479	1,641,340	1,940,996
Sub-Total	10,923,931	11,932,486	12,008,678	12,746,908	14,886,568
September	1,417,821	1,573,502	1,537,426	1,668,186	
October	<u>1,533,075</u>	<u>1,655,879</u>	1,631,513	1,804,048	
November	1,481,813	1,632,494	1,617,311	1,809,175	
December	1,516,702	1,629,452	<u>1,640,012</u>	<u>1,820,186</u>	
TOTAL	16,873,342	18,423,813	18,434,940	19,848,503	

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Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
O T T A W A

No. 9.

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Dominion Statistician: R.H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)  
Chief, Transportation and Public Utilities Branch: G.S. Wrong, B.Sc.

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

SEPTEMBER, 1940

The output of central electric stations for September dropped to 2,399,678,000 kilowatt hours from 2,500,179,000 kilowatt hours in August and the index number declined from 262.92 to 248.00. Compared with the September 1939 output of 2,380,652,000 kilowatt hours the increase was less than one per cent, whereas the increase for the previous eight months over the first eight months of 1939 was 10 per cent. **Over 88 per cent** of the decline from the August output was in secondary power. Deliveries to electric boilers dropped from 366,951,000 kilowatt hours in August to 279,003,000 kilowatt hours, and exports of surplus power to the United States dropped from 71,517,000 to 70,380,000 kilowatt hours.

Total exports to the United States declined to 186,983,000 kilowatt hours from 192,235,000 kilowatt hours in August but were 17 per cent above the September 1939 exports.

Consumption of firm power (total output less exports and deliveries of secondary power to electric boilers) was 1,933,692,000 kilowatt hours as against 1,940,996,000 kilowatt hours in August and 1,668,186,000 kilowatt hours in September last year.



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>MONTHLY OUTPUTS</u>						
<u>Total Output</u>						
September, 1940	2,399,678	68,689	1,279,699	718,771	155,414	177,105
August, 1940	2,500,179	76,076	1,357,493	729,936	152,442	184,232
September, 1939	2,380,652	76,965	1,264,903	696,931	170,381	171,472
<u>Generated by Water Power</u>						
September, 1940	2,352,996	48,793	1,279,259	718,771	132,413	173,760
August, 1940	2,451,810	55,347	1,357,058	729,936	129,539	179,930
September, 1939	2,336,676	57,843	1,264,515	696,931	146,953	170,434
<u>Generated by Fuel</u>						
September, 1940	46,682	19,896	440	...	23,001	3,345
August, 1940	48,369	20,729	435	...	22,903	4,302
September, 1939	43,976	19,122	388	...	23,428	1,038
<u>Total to Date</u>						
1940	22,483,592	656,460	12,061,367	6,597,388	1,612,137	1,556,240
1939	20,623,780	650,934	11,081,327	5,838,715	1,594,439	1,457,865
<u>PROVINCIAL CONSUMPTIONS 1/</u>						
September, 1940	2,212,695	67,504	958,762	854,036	156,838	175,555
August, 1940	2,307,947	74,808	1,022,598	874,007	154,098	182,436
September, 1939	2,220,938	75,600	980,587	823,017	171,369	169,865
<u>Total to Date</u>						
1940	20,902,302	643,178	9,124,293	7,967,575	1,627,978	1,539,278
1939	19,168,326	637,599	8,484,787	6,994,696	1,608,066	1,443,178
<u>INDEX NUMBERS</u>						
	January	February	March	April	May	June
						<u>TOTAL</u>
1938	220.06	215.88	222.48	212.63	210.15	209.82
1939	230.01	232.31	233.17	226.39	235.54	238.79
1940	243.42	239.79	239.02	247.14	269.67	274.24
						<u>OUTPUT LESS EXPORTS AND</u>
1938	190.46	192.28	196.71	194.12	193.33	197.01
1939	201.02	199.31	201.83	204.59	208.47	212.63
1940	226.46	223.33	229.52	240.58	249.27	249.31

- 1/ Production plus provincial imports less provincial exports.  
3/ New Brunswick only.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS 2/</u>					
79,989	2,289	42,657	23,959	5,181	5,903
80,651	2,454	43,790	23,546	4,918	5,943
79,355	2,565	42,164	23,231	5,679	5,716
78,433	1,626	42,642	23,959	4,414	5,792
79,091	1,786	43,776	23,546	4,179	5,804
77,889	1,928	42,151	23,231	4,898	5,681
1,556	663	15	...	767	111
1,560	668	14	...	739	139
1,466	637	13	...	781	35
82,057	2,396	44,019	24,078	5,884	5,680
75,545	2,384	40,593	21,387	5,840	5,341
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
279,003	3/ ...	238,147	36,747	4/ 3,734	375
366,951	605	303,026	56,738	6,212	370
552,752	7,993	411,501	109,817	23,098	343
4,082,041	9,619	3,066,863	733,507	269,485	2,567
4,753,232	35,291	3,410,544	957,486	347,524	2,387
<u>(AVERAGE, 1926-100)</u>					
July	August	September	October	November	December
<u>OUTPUT</u>					
212.28	218.31	224.10	221.27	226.49	221.95
235.56	241.14	246.03	245.59	248.11	239.21
279.28	262.92	248.00			
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
196.70	200.06	199.84	194.89	194.51	193.98
212.90	216.25	216.84	215.50	217.70	215.29
253.88	255.73	251.35			

2/ No allowance is made for the effect of holidays, Sundays, or Saturdays, etc.

4/ Manitoba only.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1936	1937	1938	1939	1940
January	2,091,497	2,317,906	2,283,691	2,386,979	2,526,143
February	1,938,978	2,146,578	2,057,598	2,214,174	2,367,031
March	2,135,640	2,412,259	2,258,197	2,366,740	2,426,157
April	2,164,628	2,322,884	2,063,801	2,197,379	2,398,722
May	2,083,363	2,301,167	2,081,935	2,333,443	2,671,567
June	2,028,980	2,255,338	1,973,155	2,245,537	2,578,883
July	2,021,147	2,188,055	1,987,774	2,205,844	2,615,232
August	2,020,416	2,197,725	2,075,901	2,293,032	2,500,179
September	2,041,423	2,204,291	2,168,435	2,380,652	2,399,678
Sub Total	18,526,072	20,346,203	18,950,487	20,623,780	22,483,592
October	2,280,508	2,365,052	2,333,461	2,589,956	
November	2,261,979	2,414,676	2,375,661	2,601,535	
December	2,325,733	2,457,996	2,353,196	2,536,242	
TOTAL	25,394,292	27,583,927	26,012,805	28,351,514	

EXPORTS TO THE UNITED STATES

January	118,050	134,931	157,532	166,915	149,050
February	110,684	138,041	123,094	153,491	139,908
March	125,921	172,695	144,091	165,422	155,402
April	125,496	164,250	135,616	141,523	170,600
May	130,530	161,033	155,292	164,520	193,353
June	157,871	158,657	158,313	163,063	190,704
July	157,543	164,057	159,349	162,973	203,058
August	145,342	162,617	149,493	177,834	192,235
September	125,127	143,441	151,691	159,713	186,983
Sub Total	1,194,564	1,399,722	1,334,471	1,455,454	1,581,293
October	129,323	142,736	165,455	151,794	
November	126,152	145,549	165,299	155,247	
December	128,070	159,093	161,290	150,138	
TOTAL	1,578,109	1,847,100	1,826,515	1,912,633	

OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January	1,413,216	1,474,787	1,558,575	1,644,983	1,853,157
February	1,298,872	1,344,387	1,435,998	1,488,480	1,727,442
March	1,387,512	1,532,912	1,573,090	1,613,989	1,835,439
April	1,353,605	1,510,508	1,480,284	1,560,142	1,834,573
May	1,371,404	1,519,545	1,505,826	1,623,856	1,941,629
June	1,353,080	1,496,283	1,470,027	1,586,964	1,860,736
July	1,359,445	1,510,365	1,466,399	1,587,154	1,892,596
August	1,386,797	1,543,699	1,518,479	1,641,340	1,940,996
September	1,417,821	1,573,502	1,537,426	1,668,186	1,933,692
Sub Total	12,341,752	13,505,988	13,546,104	14,415,094	16,820,260
October	1,533,075	1,655,879	1,631,513	1,804,048	
November	1,481,813	1,632,494	1,617,311	1,809,175	
December	1,516,702	1,629,452	1,640,012	1,820,186	
TOTAL	16,873,342	18,423,813	18,434,940	19,848,503	



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DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
OTTAWA

No. 10

Dominion Statistician: R.H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)  
Chief, Transportation and Public Utilities Branch: G.S. Wrong, B.Sc.

OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

OCTOBER, 1940

Total output of central electric stations during October increased to 2,487,455,000 kw. h. from 2,399,678,000 kw. h. for September. The index however, adjusted for the different number of days in the months and other seasonal factors, declined to 235.87 as against 248.00.

The decrease in total output compared with the October 1939 total of 2,589,956,000 kw. h. was all in secondary power as shown below.

	Oct. 1939	Aug. 1940	Sept. 1940	Oct. 1940
		(Thousand kw. h.)		
Total Output	2,589,956	2,500,179	2,399,678	2,487,455
Secondary Power For Electric Boilers	634,114	366,951	279,003	246,319
For Export	27,230	71,517	70,380	65,337
	661,344	438,468	349,383	311,656
Firm Power	1,928,612	2,061,711	2,050,295	2,175,799
Daily Average	62,213	66,507	68,343	70,187

These data are often used to measure the industrial activity in the provinces. For this purpose the gross output might be misleading. The better data are the consumptions of firm power computed by subtracting from total output the provincial exports and deliveries of secondary power to electric boilers and adding provincial imports. The daily average is also better than the monthly total, but adjustments should be made for the five Sundays in October 1939, and September 1940.

The daily averages of firm power consumption were:

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
		(Thousand kw. h.)				
October 1940	66,846	2,344	25,277	27,878	5,453	5,894
September 1940	64,456	2,250	24,021	27,243	5,103	5,839
October 1939	58,195	2,305	19,809	25,327	5,176	5,578

Total exports to the United States amounted to 168,904,000 kw. h. compared with 186,983,000 kw. h. in September and 151,794,000 kw. h. in October 1939.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>MONTHLY OUTPUTS</u>						
<u>Total Output</u>						
October, 1940	2,487,455	74,512	1,313,254	733,651	181,440	184,598
September, 1940	2,399,678	68,689	1,279,699	718,771	155,414	177,105
October, 1939	2,589,956	78,877	1,394,323	748,704	193,098	174,954
<u>Generated by Water Power</u>						
October, 1940	2,437,742	53,194	1,312,754	733,651	156,341	181,802
September, 1940	2,352,996	48,793	1,279,259	718,771	132,413	173,760
October, 1939	2,542,399	58,853	1,393,914	748,704	167,560	173,368
<u>Generated by Fuel</u>						
October, 1940	49,713	21,318	500		25,099	2,796
September, 1940	46,682	19,896	440		23,001	3,345
October, 1939	47,557	20,024	409		25,538	1,586
<u>Total to Date</u>						
1940	24,971,047	730,972	13,374,621	7,331,039	1,793,577	1,740,838
1939	23,213,736	729,811	12,476,150	6,587,419	1,787,537	1,632,819
<u>PROVINCIAL CONSUMPTIONS 1/</u>						
October, 1940	2,318,551	72,671	984,374	895,602	182,968	182,936
September, 1940	2,212,695	67,504	958,762	854,036	156,838	175,555
October, 1939	2,438,162	77,412	1,090,292	902,530	194,789	173,139
<u>Total to Date</u>						
1940	23,220,853	715,849	10,108,667	8,863,177	1,810,946	1,722,214
1939	21,606,488	715,011	9,575,079	7,897,226	1,802,855	1,616,317
<u>INDEX NUMBERS</u>						
	January	February	March	April	May	June
					<u>TOTAL</u>	
1938	220.06	215.88	222.48	212.63	210.15	209.82
1939	230.01	232.31	233.17	226.39	235.54	238.79
1940	243.42	239.79	239.02	247.14	269.67	274.24
				<u>OUTPUT LESS EXPORTS AND</u>		
1938	190.46	192.28	196.71	194.12	193.33	197.01
1939	201.02	199.31	201.83	204.59	208.47	212.63
1940	226.46	223.33	229.52	240.58	249.27	249.31

- 1/ Production plus provincial imports less provincial exports.  
3/ New Brunswick only.

**OUTPUT OF CENTRAL ELECTRIC STATIONS**  
(Thousands of Kilowatt Hours)

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS 2/</u>					
80,241	2,404	42,363	23,666	5,853	5,955
79,989	2,289	42,657	23,959	5,181	5,903
83,547	2,544	44,978	24,152	6,229	5,644
78,637	1,716	42,347	23,666	5,043	5,865
78,433	1,626	42,642	23,959	4,414	5,792
82,013	1,898	44,965	24,152	5,405	5,593
1,604	688	16		810	90
1,556	663	15		767	111
1,534	646	13		824	51
81,872	2,397	43,851	24,036	5,880	5,708
76,361	2,401	41,040	21,699	5,880	5,371
<u>DELIVERIES TO ELECTRIC BOILERS</u>				4/	
246,319	3/	200,796	31,375	13,920	228
279,003		238,147	36,747	3,734	375
634,114	5,953	476,214	117,394	34,324	229
4,328,360	9,619	3,267,659	764,882	283,405	2,795
5,387,346	41,244	3,886,758	1,074,880	381,848	2,616
(AVERAGE, 1926-100)					
July	August	September	October	November	December
<u>OUTPUT</u>					
212.28	218.31	224.10	221.27	226.49	221.95
235.56	241.14	246.03	245.59	248.11	239.21
279.28	262.92	248.00	235.87		
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
196.70	200.06	199.84	194.89	194.51	193.98
212.90	216.25	216.84	215.50	217.70	215.29
253.88	255.73	251.35	247.54		

2/ No allowance is made for the effect of holidays, Sundays, or Saturdays, etc.  
4/ Manitoba only.



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1936	1937	1938	1939	1940
January	2,091,497	2,317,906	2,283,691	2,386,979	2,526,143
February	1,938,978	2,146,578	2,057,598	2,214,174	2,367,031
March	2,135,640	2,412,259	2,258,197	2,366,740	2,426,157
April	2,164,628	2,322,884	2,063,801	2,197,379	2,398,722
May	2,083,363	2,301,167	2,081,935	2,333,443	2,671,567
June	2,028,980	2,255,338	1,973,155	2,245,537	2,578,883
July	2,021,147	2,188,055	1,987,774	2,205,844	2,615,232
August	2,020,416	2,197,725	2,075,901	2,293,032	2,500,179
September	2,041,423	2,204,291	2,168,435	2,380,652	2,399,678
October	2,280,508	2,365,052	2,333,461	2,589,956	2,487,455
Sub-Total	20,806,580	22,711,255	21,283,948	23,213,736	24,971,047
November	2,261,979	2,414,676	2,375,661	2,601,535	
December	2,325,733	2,457,996	2,353,196	2,536,242	
Total	25,394,292	27,583,927	26,012,805	28,351,514	
EXPORTS TO THE UNITED STATES					
January	118,050	134,931	157,532	166,915	149,050
February	110,684	138,041	123,094	153,491	139,908
March	125,921	172,695	144,091	165,422	155,402
April	125,496	164,250	135,616	141,523	170,600
May	130,530	161,033	155,292	164,520	193,353
June	157,871	158,657	158,313	163,063	190,704
July	157,543	164,057	159,349	162,973	203,058
August	143,342	162,617	149,493	177,834	192,235
September	125,127	143,441	151,691	159,713	186,983
October	129,323	142,736	165,455	151,794	168,904
Sub-Total	1,323,687	1,542,458	1,499,926	1,607,248	1,750,197
November	126,152	145,549	165,299	155,247	
December	128,070	159,093	161,290	150,138	
Total	1,578,109	1,847,100	1,826,515	1,912,633	
OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS					
January	1,413,216	1,474,787	1,558,575	1,644,983	1,853,157
February	1,298,872	1,344,387	1,435,998	1,488,480	1,727,442
March	1,387,512	1,532,912	1,573,090	1,613,989	1,835,439
April	1,353,605	1,510,508	1,480,284	1,560,142	1,834,573
May	1,371,404	1,519,545	1,505,826	1,623,856	1,941,629
June	1,353,080	1,496,283	1,470,027	1,586,964	1,860,736
July	1,359,445	1,510,365	1,466,399	1,587,154	1,892,596
August	1,386,797	1,543,699	1,518,479	1,641,340	1,940,996
September	1,417,821	1,573,502	1,537,426	1,668,186	1,933,692
October	1,533,075	1,655,879	1,631,513	1,804,048	2,072,232
Sub-Total	13,874,827	15,161,867	15,177,617	16,219,142	18,892,492
November	1,481,813	1,632,494	1,617,311	1,809,175	
December	1,516,702	1,629,452	1,640,012	1,820,186	
Total	16,873,342	18,423,813	18,434,940	19,848,503	

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Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
O T T A W A

No. 11

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Dominion Statistician: R.H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)  
Chief, Transportation and Public Utilities Branch: G.S. Wrong, B.Sc.

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

November, 1940.

Firm power produced for consumption in Canada reached a new high in November at 2,079,984,000 kw. h. as against 2,072,232,000 kw. h. for October, and on a daily basis the increase was from 66,846,200 kw. h. to 69,332,800 kw. h., or 4.3 per cent.

Deliveries of secondary power to electric boilers were light at 259,384,000 kw. h. as against 637,114,000 a year previous.

Exports to the United States increased from 155,247,000 kw. h. in November 1939 to 185,492,000 kw. h., but the increase here was all in secondary power, the exports of firm power declining from 120,357,000 kw. h. in 1939 to 109,787,000 kw. h.

Because of the large decrease in secondary power total output was less than in November 1939 dropping from 2,601,535,000 kw. h. to 2,524,860,000 kw. h. and the index number dropped to 240.71, as against 248.11 for November 1939 and 235.87 for October 1940.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>MONTHLY OUTPUTS</u>						
Total Output						
November, 1940	2,524,860	84,544	1,288,486	765,437	200,180	186,213
October, 1940	2,487,455	74,512	1,313,254	733,651	181,440	184,598
November, 1939	2,601,536	85,765	1,411,488	737,240	194,849	172,194
<u>Generated by Water Power</u>						
November, 1940	2,473,122	63,252	1,287,942	765,437	170,900	185,591
October, 1940	2,437,742	53,194	1,312,754	733,651	156,341	181,802
November, 1939	2,553,391	64,352	1,411,050	737,240	168,958	171,791
<u>Generated by Fuel</u>						
November, 1940	51,738	21,292	544	—	29,280	622
October, 1940	49,713	21,318	500	—	25,099	2,796
November, 1939	48,145	21,413	438	—	25,891	403
Total to Date						
1940	27,495,907	815,516	14,663,107	8,096,476	1,993,756	1,927,052
1939	25,815,272	815,576	13,887,638	7,324,659	1,982,386	1,805,013
<u>PROVINCIAL CONSUMPTIONS 1/</u>						
November, 1940	2,339,368	82,434	963,697	906,968	201,815	184,454
October, 1940	2,318,551	72,671	984,374	895,602	182,968	182,936
November, 1939	2,446,289	84,466	1,080,966	913,911	196,447	170,499
Total to Date						
1940	25,560,221	798,283	11,072,364	9,770,145	2,012,761	1,906,668
1939	24,052,777	799,477	10,656,045	8,811,137	1,999,302	1,786,816
<u>INDEX NUMBERS</u>						
	January	February	March	April	May	June
						<u>TOTAL</u>
1938	220.06	215.88	222.48	212.63	210.15	209.82
1939	230.01	232.31	233.17	226.39	235.54	238.79
1940	243.42	239.79	239.02	247.14	269.67	274.24
<u>OUTPUT LESS EXPORTS AND</u>						
1938	190.46	192.28	196.71	194.12	193.33	197.01
1939	201.02	199.31	201.83	204.59	208.47	212.63
1940	226.46	223.33	229.52	240.58	249.27	249.31

1/ Production plus provincial imports less provincial exports.

3/ New Brunswick only.



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<u>DAILY AVERAGE OUTPUTS 2/</u>					
84,162	2,818	42,949	25,515	6,673	6,207
80,241	2,404	42,363	23,666	5,853	5,955
86,718	2,859	47,050	24,575	6,495	5,739
82,437	2,108	42,931	25,515	5,697	6,186
78,637	1,716	42,347	23,666	5,043	5,865
85,113	2,145	47,035	24,575	5,632	5,726
1,725	710	18		976	21
1,604	688	16		810	90
1,605	714	15		863	13
82,077	2,434	43,770	24,169	5,952	5,752
77,291	2,442	41,580	21,930	5,935	5,404
<u>3/ DELIVERIES TO ELECTRIC BOILERS</u>				<u>4/</u>	
259,384	4,186	193,328	33,789	27,802	279
246,319		200,796	31,375	13,920	228
637,114	4,250	477,645	114,360	40,588	271
4,587,744	13,805	3,460,987	798,671	311,207	3,074
6,024,460	45,494	4,364,403	1,189,240	422,436	2,887

(AVERAGE, 1926-100)

July	August	September	October	November	December
<u>OUTPUT</u>					
212.28	218.31	224.10	221.27	226.49	221.95
235.56	241.14	246.03	245.59	248.11	239.21
279.28	262.92	248.00	235.87	240.71	
<u>DELIVERIES TO ELECTRIC BOILERS</u>					
196.70	200.06	199.84	194.89	194.51	193.98
212.90	216.25	216.84	215.50	217.70	215.29
253.88	255.73	251.35	247.54	250.16	

2/ No allowance is made for the effect of holidays, Sundays, or Saturdays, etc.

4/ Manitoba only.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1936	1937	1938	1939	1940
January	2,091,497	2,317,906	2,283,691	2,386,979	2,526,143
February	1,938,978	2,146,578	2,057,598	2,214,174	2,367,031
March	2,135,640	2,412,259	2,258,197	2,366,740	2,426,157
April	2,164,628	2,322,884	2,063,801	2,197,379	2,398,722
May	2,083,363	2,301,167	2,081,935	2,333,443	2,671,567
June	2,028,980	2,255,338	1,973,155	2,245,537	2,578,883
July	2,021,147	2,188,055	1,987,774	2,205,844	2,615,232
August	2,020,416	2,197,725	2,075,901	2,293,032	2,500,179
September	2,041,423	2,204,291	2,168,435	2,380,652	2,399,678
October	2,280,508	2,365,052	2,333,461	2,589,956	2,487,455
November	2,261,979	2,414,676	2,375,661	2,601,535	2,524,860
Sub-Total	23,068,559	25,125,931	23,659,609	25,815,271	27,495,907
December	2,325,733	2,457,996	2,353,196	2,536,242	
Total	25,394,292	27,583,927	26,012,805	28,351,514	

EXPORTS TO THE UNITED STATES

January	118,050	134,931	157,532	166,915	149,050
February	110,684	138,041	123,094	153,491	139,908
March	125,921	172,695	144,091	165,422	155,402
April	125,496	164,250	135,616	141,523	170,600
May	130,530	161,033	155,292	164,520	193,353
June	157,871	158,657	158,313	163,063	190,704
July	157,543	164,057	159,349	162,973	203,058
August	143,342	162,617	149,493	177,834	192,235
September	125,127	143,441	151,691	159,713	186,983
October	129,323	142,736	165,455	151,794	168,904
November	126,152	145,549	165,299	155,247	185,429
Sub-Total	1,450,039	1,688,007	1,665,225	1,762,495	1,935,689
December	128,070	159,093	161,290	150,138	
Total	1,578,109	1,847,100	1,826,515	1,912,633	

OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January	1,413,216	1,474,787	1,558,575	1,644,983	1,853,157
February	1,298,872	1,344,337	1,435,998	1,488,480	1,727,442
March	1,387,512	1,532,912	1,573,090	1,613,989	1,835,439
April	1,353,605	1,510,508	1,480,284	1,560,142	1,834,573
May	1,371,404	1,519,545	1,505,826	1,623,856	1,941,629
June	1,353,080	1,496,283	1,470,027	1,586,964	1,860,736
July	1,359,445	1,510,365	1,466,399	1,587,154	1,892,596
August	1,386,797	1,543,699	1,518,479	1,641,340	1,940,996
September	1,417,821	1,573,502	1,537,426	1,668,186	1,933,692
October	1,533,075	1,655,879	1,631,513	1,804,048	2,072,232
November	1,481,813	1,632,494	1,617,311	1,809,175	2,079,984
Sub-Total	15,356,640	16,794,361	16,794,928	18,028,317	20,972,476
December	1,516,702	1,629,452	1,640,012	1,820,186	
Total	16,873,342	18,423,813	18,434,940	19,848,503	



DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES BRANCH  
O T T A W A

No. 12.

Dominion Statistician: R.H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)  
Chief, Transportation and Public Utilities Branch: G.S. Wrong, B.Sc.

OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

December, 1940.

Central electric stations produced 2,584,341,000 kw. h. during December compared with 2,524,850,000 in November and 2,536,242,000 in December 1939.

Firm power produced for use in Canada amounted to 2,134,315,000 kw. h., the highest for any month to date. On a daily basis, however, it was slightly below the November average.

Secondary power produced for electric boilers dropped from 565,918,000 kw. h. in December 1939 to 250,150,000 kw. h. but exports of off peak power increased from 24,391,000 to 81,714,000 kw. h. and total exports to the United States increased from 150,138,000 to 199,866,000 kw. h.

Production for the year reached a new peak at 30,080,248,000 kw. h. which was 6.1 per cent above the 1939 output. The previous high record and production of firm power for use in Canada amounted to 28,351,514,000 kw. h. This was 3,258,284,000 kw. h. or 16.4 per cent above the previous high record made in 1939.

Secondary power produced for electric boilers during the year dropped from 6,590,378,000 to 4,837,904,000 kw. h. and exports to the United States of secondary power increased from 487,935,000 to 727,442,000 kw. h. Thus the total production in 1940 included 24,514,902,000 kw. h. of firm power and 5,565,346,000 kw. h. of secondary power as against 21,273,201,000 kw. h. of firm power and 7,078,313,000 kw. h. of secondary power in 1939.

The summary below shows the comparison of 1940 with 1939 data.

	1940	1939	CHANGE	
			AMOUNT	P. C.
<u>FIRM POWER</u>	(Thousands of kilowatt hours)			
For use in Canada	23,106,787	19,848,503	+ 3,258,284	16.4
Exported to the United States	1,408,115	1,424,698	- 16,583	1.2
Total	24,514,902	21,273,201	+ 3,241,701	15.2
<u>SECONDARY POWER</u>				
For Electric Boilers	4,837,904	6,590,378	= 1,752,474	26.6
Exported to the United States	727,442	487,935	+ 239,507	49.2
Total	5,565,346	7,078,313	- 1,512,967	21.4
Total power produced	30,080,248	28,351,514	+ 1,728,734	6.1
Total exported to the United States	2,135,557	1,912,633	+ 222,924	11.6

\* Includes line losses for both classes of power.

24/1/41.

Price per year 50 cents.



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
<b>MONTHLY OUTPUTS</b>						
<u>Total Output</u>						
December, 1940	2,584,341	87,638	1,325,344	780,536	200,002	190,821
November, 1940	2,524,860	84,544	1,288,486	765,437	200,180	186,213
December, 1939	2,536,242	79,765	1,335,256	739,477	203,358	178,386
<u>Generated by Water Power</u>						
December, 1940	2,530,137	65,743	1,324,795	780,536	169,583	189,480
November, 1940	2,473,122	63,252	1,287,942	765,437	170,900	185,591
December, 1939	2,486,434	57,973	1,334,773	739,477	176,496	177,715
<u>Generated by Fuel</u>						
December, 1940	54,204	21,895	549	...	30,419	1,341
November, 1940	51,738	21,292	544	...	29,280	622
December, 1939	49,808	21,792	483	...	26,862	671
<u>Total to Date</u>						
1940	30,080,248	903,154	15,988,451	8,877,012	2,193,758	2,117,873
1939	28,351,514	895,341	15,222,894	8,064,136	2,185,744	1,983,399

<b>PROVINCIAL CONSUMPTIONS 1/</b>						
December, 1940	2,384,475	85,443	989,113	919,242	201,720	188,957
November, 1940	2,339,368	82,434	963,697	906,968	201,815	184,454
December, 1940	2,386,104	77,785	1,015,906	910,774	205,118	176,521
<u>Total to Date</u>						
1940	27,944,696	883,726	12,061,477	10,689,387	2,214,481	2,095,625
1939	26,438,881	877,262	11,671,951	9,721,911	2,204,420	1,963,337

<b>INDEX NUMBERS</b>						
	January	February	March	April	May	June
<b>TOTAL</b>						
1938	220.06	215.88	222.48	212.63	210.15	209.82
1939	230.01	232.31	233.17	226.39	235.54	238.79
1940	243.42	239.79	239.02	247.14	269.67	274.24
<b>OUTPUT LESS EXPORTS AND</b>						
1938	190.46	192.28	196.71	194.12	193.33	197.01
1939	201.02	199.31	201.33	204.59	208.47	212.63
1940	226.46	223.33	229.52	240.58	249.27	249.31

1/ Production plus provincial imports less provincial exports.

3/ New Brunswick only.

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
DAILY AVERAGE OUTPUTS 2/					
83,365	2,827	42,753	25,179	6,451	6,155
84,162	2,818	42,949	25,515	6,673	6,207
81,814	2,673	43,073	23,854	6,560	5,754
81,617	2,121	42,735	25,179	5,470	6,112
82,437	2,108	42,931	25,515	5,697	6,186
80,207	1,870	43,057	23,854	5,693	5,733
1,748	706	18	...	981	43
1,725	710	18	...	976	21
1,607	703	16	...	867	21
82,186	2,468	43,684	24,254	5,994	5,786
77,675	2,453	41,707	22,093	5,988	5,434
3/ DELIVERIES TO ELECTRIC BOILERS 4/					
250,160	4,415	180,462	34,430	30,568	285
259,384	4,186	193,328	33,789	27,802	279
565,918	3,673	410,190	106,431	45,398	226
4,837,904	18,220	3,641,449	833,101	341,775	3,359
6,590,378	49,167	4,774,593	1,295,671	467,834	3,113
(AVERAGE, 1926-100)					
July	August	September	October	November	December
OUTPUT					
212.28	218.31	224.10	221.27	226.49	221.95
235.56	241.14	246.03	245.59	248.11	239.21
279.28	262.92	248.00	235.87	240.71	243.75
DELIVERIES TO ELECTRIC BOILERS					
196.70	200.06	199.84	194.89	194.51	193.98
212.90	216.25	216.84	215.50	217.70	215.29
253.88	255.73	251.35	247.54	250.16	252.44

2/ No allowance is made for the effect of holidays, Sundays or Saturdays, etc.

4/ Manitoba only.

**OUTPUT OF CENTRAL ELECTRIC STATIONS**  
(Thousands of Kilowatt Hours)

Month	1936	1937	1938	1939	1940
January	2,091,497	2,317,906	2,283,691	2,386,979	2,526,143
February	1,938,978	2,146,578	2,057,598	2,214,174	2,367,031
March	2,135,640	2,412,259	2,258,197	2,366,740	2,426,157
April	2,164,628	2,322,884	2,063,801	2,197,379	2,398,722
May	2,083,363	2,301,167	2,081,935	2,333,443	<u>2,671,567</u>
June	2,028,980	2,255,338	1,973,155	2,245,537	2,578,883
July	2,021,147	2,188,055	1,987,774	2,205,844	2,615,232
August	2,020,416	2,197,725	2,075,901	2,293,032	2,500,179
September	2,041,423	2,204,291	2,168,435	2,380,652	2,399,678
October	2,280,508	2,365,052	2,333,461	2,589,956	2,487,455
November	<u>2,261,979</u>	2,414,876	<u>2,375,661</u>	<u>2,601,535</u>	2,524,860
December	<u>2,325,733</u>	<u>2,457,996</u>	2,353,196	2,536,242	2,584,341
Total	25,394,292	27,583,927	26,012,305	28,351,514	30,080,248

**EXPORTS TO THE UNITED STATES**

January	118,050	134,931	152,532	166,915	149,050
February	110,684	138,041	123,094	153,491	139,908
March	125,921	<u>172,695</u>	144,091	165,422	155,402
April	125,496	164,250	135,616	141,523	170,600
May	130,530	161,033	155,292	164,520	193,354
June	<u>157,871</u>	158,657	158,313	163,063	190,704
July	157,543	164,057	159,349	162,973	<u>203,058</u>
August	143,342	162,617	149,493	<u>177,834</u>	<u>192,236</u>
September	125,127	143,441	151,691	159,713	186,983
October	129,323	142,736	<u>155,455</u>	151,794	168,904
November	126,152	145,549	165,299	155,247	185,492
December	128,070	159,093	161,290	150,138	199,866
Total	1,578,109	1,847,100	1,826,515	1,912,633	2,135,557

**OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS**

January	1,413,216	1,474,787	1,558,576	1,644,983	1,853,157
February	1,298,872	1,344,387	1,435,998	1,488,480	1,727,442
March	1,387,512	1,532,912	1,573,090	1,613,989	1,835,439
April	1,353,605	1,510,508	1,480,284	1,560,142	1,834,573
May	1,371,404	1,519,545	1,505,826	1,623,856	1,941,629
June	1,353,080	1,496,283	1,470,027	1,586,964	1,860,736
July	1,359,445	1,510,365	1,466,399	1,587,154	1,892,596
August	1,386,797	1,543,699	1,513,479	1,641,340	1,940,992
September	1,417,821	1,573,502	1,537,426	1,668,186	1,933,692
October	<u>1,533,075</u>	<u>1,655,879</u>	1,631,513	1,804,048	2,072,232
November	1,481,813	1,632,494	1,617,311	1,809,175	2,079,984
December	1,516,702	1,629,452	<u>1,640,012</u>	<u>1,820,186</u>	<u>2,134,315</u>
Total	16,873,342	18,423,813	18,434,940	19,848,503	23,106,787



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Minister of Trade and Commerce.

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**DOMINION BUREAU OF STATISTICS**  
**TRANSPORTATION AND PUBLIC UTILITIES BRANCH**  
**OTTAWA**

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Dominion Statistician, R.H. COATS, LL. D., F.R.S.C., F.S.S. (Hon.)

Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

January, 1941.

During January, 1941 the stations produced a total of 2,634,695,000 kw.h., the greatest January output to date, and an increase of 4.3 per cent over the total of 2,526,143,000 kw.h. for January, 1941.

Exports to the United States amounted to 192,470,000 kw.h., including 118,658,000 kw.h. of firm power and 73,812,000 kw.h. of secondary power.

Firm power produced for use in Canada increased from 1,853,157,000 kw.h. in January, 1940 to 2,188,075,000 kw.h., which was larger than the previous high record made in December, 1940 by 53,760,000 kw.h.

The index numbers for monthly outputs and for monthly consumptions of firm power have been recalculated. The base period has been changed from 1926 to 1935-39 and the period used for measuring seasonal variations has been changed from 1924-36 to 1933-39. This latter period was one of almost continuous increase for both series and except for the dip in 1938 the increases were fairly constant.

In this January report the index numbers for 1939, 1940 and 1941 are shown on the new base.

The reporting form for January was enlarged to include in addition to output, exports to the United States, and deliveries of secondary power to electric boilers - (a) power interchanged between systems, (b) system peak loads, (c) maximum possible output with equipment and water available.

All reports for January were not complete and consequently these details could not be included in this report, but a revised report showing additional data will be issued later.

4/3/41.

Price per year 50 cents

## CENTRAL ELECTRIC

Month of

(Thousands of

	Total	Prince Edward Island	Nova Scotia
<u>Production</u> - Hydraulic	2,578,054	18	27,167
Thermal	56,641	734	13,074
Total	2,634,695	752	40,241
<u>Receipts from other provinces</u>	291,455	-	-
<u>Total Power</u>	2,926,150	752	40,241
<u>Deliveries to other provinces</u>	291,455	-	-
<u>Exports to U.S.A.</u>			
Firm Power	118,658	-	-
Secondary	73,812	-	-
Total	192,470	-	-
Total Deliveries	483,925	-	-
<u>Net Consumption</u>	2,442,225	752	40,241
<u>Secondary Power</u>			
For Boilers in Canada	179,161	-	-
For other uses in "	74,989	-	-
Total	254,150	-	-
Net consumption of Firm Power	2,188,075	752	40,241
<u>CUMULATIVE PRODUCTION TOTALS. January -</u>			
Firm Power 1940	1,973,127	606	36,367
1941	2,306,733	752	40,241
Secondary Power 1940 (incl. Exports to U.S.A)	553,016	-	-
1941	327,962	-	-
Total 1940	2,526,143	606	36,367
1941	2,634,695	752	40,241
<u>DAILY AVERAGE CONSUMPTION OF FIRM POWER (OUTPUT LESS EXPORTS TO U. S. A.)</u>			
January 1940	59,778	20	1,173
" 1941	70,583	24	1,298

INDEX NUMBERS

(Average 1935-39 =100)

	January	February	March	April	May	June
			<u>TOTAL OUTPUT</u>			
1939	105.7	106.4	104.1	102.9	107.4	108.2
1940	111.9	113.7	106.8	112.3	123.0	124.2
1941	116.7					
		<u>OUTPUT LESS EXPORTS AND SECONDARY POWER</u>				
1939	106.5	106.5	106.1	107.8	109.7	110.6
1940	120.0	123.7	120.7	126.8	131.2	129.7
1941	141.7					

## STATION DATA

January, 1941

Kilowatt hours)

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
37,806 7,665 45,471	1,350,428 442 1,350,870	814,951 100 815,051	122,728 187 122,915	33,386 16,816 50,202	11,048 15,863 26,911	180,522 1,760 182,282
563	12,107	276,809	-	-	1,976	-
46,034	1,362,977	1,091,860	122,915	50,202	28,887	182,282
-	277,372	12,107	-	-	-	1,976
2,812 -	54,878 -	60,815 73,812	101 -	- -	- -	52 -
2,812	54,878	134,627	101	-	-	52
2,812	332,250	146,734	101	-	-	2,028
43,222	1,030,727	945,126	122,814	50,202	28,887	180,254
3,926 -	119,202 22,147	23,345 49,933	32,418 2,909	- -	- -	270 -
3,926	141,349	73,278	35,327	-	-	270
39,296	889,378	871,848	87,487	50,202	28,887	179,984
35,749 41,545	960,380 1,209,521	607,800 667,961	86,052 87,588	49,594 50,202	24,693 26,911	171,886 182,012
375 3,926	359,063 141,349	140,558 147,090	52,784 35,327	- -	- -	236 270
36,124 45,471	1,319,443 1,350,870	748,358 815,051	138,836 122,915	49,594 50,202	24,693 26,911	172,122 182,282
AND SECONDARY POWER)						
1,094 1,268	20,673 28,690	26,106 28,124	2,773 2,822	1,600 1,619	859 932	5,480 5,806

INDEX NUMBERS

(Average 1935-39 = 100)

July	August	September	October	November	December	
<u>TOTAL OUTPUT</u>						
108.4 <u>128.6</u>	109.5 119.4	113.1 114.0	<u>113.3</u> 108.8	112.3 109.0	109.4 111.4	
<u>OUTPUT LESS EXPORTS AND SECONDARY POWER</u>						
110.9 132.3	112.3 132.8	113.4 131.5	114.4 131.5	116.6 134.1	<u>116.7</u> <u>136.9</u>	



OUTPUT OF CENTRAL ELECTRIC STATIONS

(Thousands of Kilowatt Hours)

Month	1937	1938	1939	1940	1941
January	2,317,906	2,283,691	2,386,979	2,526,143	2,634,695
February	2,146,578	2,057,598	2,214,174	2,367,031	
March	2,412,259	2,258,197	2,366,740	2,426,157	
April	2,322,884	2,063,801	2,197,379	2,398,722	
May	2,301,167	2,081,935	2,333,443	2,671,567	
June	2,255,338	1,973,155	2,245,537	2,578,883	
July	2,188,055	1,987,774	2,205,844	2,615,232	
August	2,197,725	2,075,901	2,293,032	2,500,179	
September	2,204,291	2,168,435	2,380,652	2,399,678	
October	2,365,052	2,333,461	2,589,956	2,487,455	
November	2,414,676	2,375,661	2,601,536	2,524,860	
December	2,457,996	2,353,196	2,536,242	2,584,341	
Total 12 months	27,583,927	26,012,805	28,351,514	30,080,248	

EXPORTS TO THE UNITED STATES

January	134,931	157,532	166,915	149,050	192,470
February	138,041	123,094	153,491	139,908	
March	172,695	144,091	165,422	155,402	
April	164,250	135,616	141,523	170,600	
May	161,033	155,292	164,520	193,354	
June	158,657	158,313	163,063	190,704	
July	164,057	159,349	162,973	203,058	
August	162,617	149,493	177,824	192,236	
September	143,441	151,691	159,713	186,983	
October	142,736	165,455	151,794	168,904	
November	145,549	165,299	155,247	185,492	
December	159,093	161,290	150,138	199,866	
Total 12 months	1,847,100	1,826,515	1,912,623	2,135,557	

OUTPUT LESS EXPORTS AND SECONDARY POWER

January	1,474,787	1,558,575	1,644,983	1,853,157	2,188,075
February	1,344,387	1,435,998	1,488,480	1,727,442	
March	1,532,912	1,573,090	1,613,989	1,835,439	
April	1,510,508	1,480,284	1,560,142	1,834,573	
May	1,519,545	1,505,826	1,623,856	1,941,629	
June	1,496,283	1,470,027	1,586,964	1,860,736	
July	1,510,365	1,466,399	1,587,154	1,892,596	
August	1,543,699	1,518,479	1,641,330	1,940,992	
September	1,573,502	1,537,426	1,668,186	1,933,692	
October	1,655,879	1,631,513	1,804,048	2,072,232	
November	1,632,494	1,617,311	1,809,175	2,079,984	
December	1,629,452	1,640,012	1,820,186	2,134,315	
Total 12 months	18,423,813	18,434,940	19,848,493	23,106,787	

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                         **UNIVERSITY OF TORONTO**

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Dominion Statistician, R.H. COATS, LL. D., F.R.S.C., F.S.S. (Hon.)  
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

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**OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA**  
February, 1941.

Central electric stations in Canada produced 2,407,068,000 kw.h. in February compared with 2,367,031,000 kw.h. in February 1940 (29 days), and 2,634,695,000 kw.h. in January 1941. The index number dropped from 116.7 in January to 115.7.

This drop was all in secondary power, however, the consumption of firm power in Canada amounting to 2,008,725,000 kw.h. and increasing from a daily average of 70,583,000 kw.h. in January to 71,740,000 kw.h., and the index number rising from 141.7 to 143.8 which is the highest on record.

Exports to the United States amounted to 111,030,000 kw.h. of firm power and 65,613,000 kw.h. of secondary power or a total of 176,643,000 kw.h. as against 139,908,000 kw.h. in February 1940.

The production of secondary power included 151,710,000 kw.h. for boilers, and 69,990,000 kw.h. for other uses in Canada or a total of 221,700,000 kw.h. for use in Canada plus 65,613,000 kw.h. for export to the United States.

25/3/41.

Price per year 50 cents.

GENERAL ELECTRIC

Month of

(Thousands of

			Total	Prince Edward Island	Nova Scotia	
A	<u>Production</u> - Hydraulic		2,353,510	17	23,294	
B	Thermal		53,558	738	13,246	
C (A + B)	Total		2,407,068	755	36,540	
D	<u>Receipts from other Provinces</u>			-	-	
E (C + D)	<u>Output plus Receipts</u>			755	36,540	
F	<u>Deliveries to other Provinces</u>			-	-	
	<u>Exports to U.S.A.</u>					
G	Firm Power		111,030	-	-	
H	Secondary		65,613	-	-	
I (G + H)	Total		176,643	-	-	
J (F + I)	Total Deliveries			-	-	
K (E - J)	<u>Net consumption in Canada</u>		2,230,425	755	36,540	
	<u>Secondary Power</u>					
L	For Boilers		151,710	-	-	
M	For other uses in Canada		69,990	-	-	
N (L + M)	Total		221,700	-	-	
O (K - N)	<u>Net consumption of Firm Power</u>		2,008,725	755	36,540	
<u>CUMULATIVE PRODUCTION TOTALS. January &amp; February</u>						
P	Firm Power	1940	3,809,525	1,187	66,164	
Q		1941	4,500,300	1,507	76,781	
R	Secondary Power	1940 (incl.Exp.to U.S.A.)	1,083,649	-	-	
S		1941	541,463	-	-	
T (P + R)	Total	1940	4,893,174	1,187	66,164	
U (Q + S)		1941	5,041,763	1,507	76,781	
<u>DAILY AVERAGE CONSUMPTION OF FIRM POWER (OUTPUT LESS EXPORTS TO U.S.A.)</u>						
V (Aveg. of 0)	February	1940	59,567	20	1,028	
W	" "	1941	71,740	27	1,305	

INDEX NUMBERS

(Average 1935-39 =100)

	January	February	March	April	May	June
			<u>TOTAL OUTPUT</u>			
1939	105.7	106.4	104.1	102.9	107.4	108.2
1940	111.9	113.7	106.8	112.3	123.0	124.2
1941	116.7	115.7				
			<u>OUTPUT LESS EXPORTS AND SECONDARY POWER</u>			
1939	106.5	106.5	106.1	107.8	109.7	110.6
1940	120.0	123.7	120.7	126.8	131.2	129.7
1941	141.7	143.8				



## STATION DATA

February, 1941

Kilowatt hours)

	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
	24,686 7,663	1,244,540 505	748,461 -	104,021 188	10,105 15,204	9,259 13,830	169,067 2,184
	32,349	1,245,045	748,461	104,209	45,369	23,089	171,251
	455	12,044	256,489	-	-	1,786	-
	32,804	1,257,089	1,004,950	104,209	45,369	24,875	171,251
	-	256,944	12,044	-	-	-	1,786
	2,110 -	49,876 -	58,907 65,613	91 -	- -	- -	46 -
	2,110	49,876	124,520	91	-	-	46
	2,110	306,820	136,564	91	-	-	1,832
	30,694	950,269	868,386	104,118	45,369	24,875	169,419
	259 -	108,003 21,473	19,772 45,575	23,420 2,942	- -	- -	256 -
	259	129,476	65,347	26,362	-	-	256
	30,435	820,793	803,039	77,756	45,369	24,875	169,163
	62,844 73,635	1,868,892 2,325,090	1,170,763 1,359,274	165,634 165,435	95,430 95,571	46,840 50,000	331,771 353,533
	375 4,185	722,068 270,825	256,034 204,238	104,679 61,689	- -	- -	493 526
	63,219 77,820	2,590,960 2,595,915	1,426,797 1,563,512	270,313 227,124	95,430 95,571	46,840 50,000	332,264 353,533
	AND SECONDARY POWER)						
	873 1,087	21,086 29,314	25,963 28,680	2,741 2,777	1,581 1,620	836 888	5,439 6,042

INDEX NUMBERS

(Average 1935-39 = 100)

	July	August	September	October	November	December	
			TOTAL OUTPUT				
	108.4 128.6	109.5 119.4	113.1 114.0	113.3 108.8	112.3 109.0	109.4 111.4	
	OUTPUT LESS EXPORTS AND SECONDARY POWER						
	110.9 132.3	112.3 132.8	113.4 131.5	114.4 131.5	116.6 134.1	116.7 136.9	

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1937	1938	1939	1940	1941
January	2,317,906	2,283,691	2,386,979	2,526,143	2,634,695
February	2,146,578	2,057,598	2,214,174	2,367,031	2,407,068
March	2,412,259	2,258,197	2,366,740	2,426,157	
April	2,312,884	2,063,301	2,197,379	2,398,722	
May	2,301,167	2,081,935	2,333,443	2,671,567	
June	2,255,338	1,973,155	2,245,537	2,578,883	
July	2,188,055	1,987,774	2,205,844	2,615,232	
August	2,197,725	2,075,901	2,293,032	2,500,179	
September	2,204,291	2,168,435	2,380,652	2,399,678	
October	2,365,052	2,333,461	2,589,956	2,487,455	
November	2,414,676	2,375,661	2,601,536	2,524,860	
December	2,457,996	2,353,196	2,536,242	2,584,341	
Total 12 months	27,583,927	26,012,805	28,351,514	30,080,248	
" first 2 "	4,464,434	4,341,289	4,601,155	4,893,174	5,041,763

EXPORTS TO THE UNITED STATES

January	134,450	157,532	140,913	149,050	192,470
February	138,041	123,094	153,491	139,908	176,643
March	172,695	144,091	165,422	155,402	
April	164,250	135,616	141,523	170,600	
May	161,033	155,292	164,520	193,354	
June	158,657	158,313	163,063	190,704	
July	164,057	159,349	162,973	203,058	
August	162,617	149,493	177,824	192,236	
September	143,441	151,691	159,713	186,983	
October	142,736	165,455	151,794	168,904	
November	145,549	165,299	155,247	185,492	
December	159,093	161,290	150,138	199,866	
Total 12 months	1,847,100	1,826,515	1,912,623	2,135,557	
" first 2 "	272,972	280,626	320,406	288,958	369,113

OUTPUT LESS EXPORTS AND SECONDARY POWER

January	1,474,787	1,558,575	1,644,983	1,853,157	2,188,075
February	1,344,387	1,435,998	1,488,480	1,727,442	2,008,725
March	1,532,912	1,573,090	1,613,989	1,835,439	
April	1,510,508	1,480,284	1,560,142	1,834,573	
May	1,519,545	1,505,826	1,623,856	1,941,629	
June	1,496,283	1,470,027	1,586,964	1,860,736	
July	1,510,365	1,466,399	1,587,154	1,892,596	
August	1,543,899	1,518,478	1,641,330	1,940,992	
September	1,573,502	1,537,426	1,668,186	1,933,692	
October	1,655,870	1,631,513	1,804,048	2,072,232	
November	1,632,494	1,617,311	1,809,175	2,079,984	
December	1,629,832	1,640,012	1,820,166	2,134,315	
Total 12 months	18,423,813	18,434,940	19,848,493	23,106,787	
" first 2 "	2,819,174	2,994,573	3,133,463	3,580,599	4,196,800

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Minister of Trade and Commerce.

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**DOMINION BUREAU OF STATISTICS**  
**TRANSPORTATION AND PUBLIC UTILITIES BRANCH**  
**OTTAWA**

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Dominion Statistician, R.H. COATS, LL. D., F.R.S.C., F.S.S. (Hon.)

Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

March, 1941.

The output of central electric stations for March amounted to 2,631,809,000 kw.h. which has been exceeded only twice, namely in May 1940 and January 1941. The production of firm power for consumption in Canada, however, reached a new high point at 2,194,373,000 kw.h. compared with 2,008,725,000 kw.h. in February and 2,188,075,000 kw.h. in January, the previous peak. The index number for this firm power also reached a new high point at 144.3 as against 120.7 for March 1940 and 106.1 for March 1939.

Exports to the United States increased from 176,643,000 kw.h. in February to 201,613,000 kw.h., the increase (on a daily basis) being all in secondary power.

25/4/41.

Price per year 50 cents.



## CENTRAL ELECTRIC

Month of

(Thousands of

		Total	Prince Edward Island	Nova Scotia
A	<u>Production</u> - Hydraulic	2,578,206	14	24,119
B	Thermal	53,603	651	14,463
C (A + B)	Total	2,631,809	665	38,582
D	<u>Receipts from other Provinces</u>		...	...
E (C + D)	<u>Output plus Receipts</u>		665	38,582
F	<u>Deliveries to other Provinces</u>		...	...
	<u>Exports to U.S.A.</u>			
G	Firm Power	121,290	...	...
H	Secondary	80,323	...	...
I (G + H)	Total	201,613	...	...
J (F + I)	<u>Total Deliveries</u>		...	...
K (E - J)	<u>Net consumption in Canada</u>	2,430,196	665	38,582
	<u>Secondary Power</u>			
L	For Boilers	158,893	...	...
M	For other uses in Canada	76,930	...	...
N (L + M)	Total	235,823	...	...
O (K - N)	<u>Net consumption of Firm Power</u>	2,194,373	665	38,582
	<u>CUMULATIVE PRODUCTION TOTALS. January - March</u>			
P	Firm Power 1940	5,620,320	1,705	99,582
Q	1941	6,742,151	2,172	115,363
R	Secondary Power 1940 (1)	1,699,011	...	...
S	1941 (1)	931,421	...	...
T (P + R)	Total 1940	7,319,331	1,705	99,582
U (Q + S)	1941	7,673,572	2,172	115,363
	<u>DAILY AVERAGE CONSUMPTION OF FIRM POWER (OUTPUT LESS EXPORTS TO U.S.A.)</u>			
V (Aveg. of O)	March 1940	59,208	17	1,078
W " " "	1941	70,786	22	1,245

(1) Includes secondary power exported to U.S.A.

INDEX NUMBERS

(Average 1935-39 =100)

	January	February	March	April	May	June
			<u>TOTAL OUTPUT</u>			
1939	105.7	106.4	104.1	102.9	107.4	108.2
1940	111.9	113.7	106.8	112.3	123.0	124.2
1941	116.7	115.7	115.8			
			<u>OUTPUT LESS EXPORTS AND SECONDARY POWER</u>			
1939	106.5	106.5	106.1	107.8	109.7	110.6
1940	120.0	123.7	120.7	126.8	131.2	129.7
1941	141.7	143.8	144.3			

## STATION DATA

March, 1941

Kilowatt hours)

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
22,705 7,630	1,373,784 483	806,050 ...	116,970 266	33,316 15,508	9,825 13,703	191,423 899
30,335	1,374,267	806,050	117,236	48,824	23,528	192,322
535	13,752	280,640	...	...	1,980	...
30,870	1,388,019	1,086,690	117,236	48,824	23,508	192,322
...	281,175	13,752	...	...	...	1,980
2,711 ...	55,235 ...	63,214 80,323	92 ...	...	...	38 ...
2,711	55,235	143,537	92	...	...	38
2,711	336,410	157,289	92	...	...	2,018
28,159	1,051,609	929,401	117,144	48,824	25,508	190,304
...	97,624	35,379	25,596	...	...	294
...	24,410	50,011	2,509	...	...	...
...	122,034	85,390	28,105	...	...	294
28,159	929,575	844,011	89,039	48,824	25,508	190,010
91,068 103,970	2,843,415 3,577,323	1,628,482 1,925,798	242,977 254,567	142,054 144,395	68,028 73,528	503,009 545,035
375 4,185	1,031,906 392,859	505,889 443,764	160,095 89,793	...	...	746 820
91,443 108,155	3,875,321 3,970,182	2,134,371 2,369,562	403,072 344,360	142,054 144,395	68,028 73,528	503,755 545,855
856 908	21,205 29,986	25,686 27,226	2,656 2,872	1,504 1,575	749 823	5,457 6,129

INDEX NUMBERS

(Average 1935-39 = 100)

July	August	September	October	November	December	
<u>TOTAL OUTPUT</u>						
108.4 128.6	109.5 119.4	113.1 114.0	113.3 108.8	112.3 109.0	109.4 111.4	
<u>OUTPUT LESS EXPORTS AND SECONDARY POWER</u>						
110.9 132.3	112.3 132.8	113.4 131.5	114.4 131.5	116.6 134.1	116.7 136.9	

OUTPUT OF CENTRAL ELECTRIC STATIONS

(Thousands of Kilowatt Hours)

Month	1937	1938	1939	1940	1941
January	2,317,906	2,283,691	2,386,979	2,526,143	2,634,695
February	2,146,578	2,057,598	2,214,174	2,367,031	2,407,068
March	2,412,259	2,258,197	2,366,740	2,426,157	2,631,809
April	2,322,884	2,063,801	2,197,379	2,398,722	
May	2,301,167	2,081,935	2,333,443	2,671,567	
June	2,255,338	1,973,155	2,245,537	2,578,883	
July	2,188,055	1,987,774	2,205,844	2,615,232	
August	2,197,725	2,075,901	2,293,032	2,500,179	
September	2,204,291	2,168,435	2,380,652	2,399,678	
October	2,365,052	2,333,461	2,589,956	2,487,455	
November	2,414,676	2,375,661	2,601,536	2,524,860	
December	2,457,996	2,353,196	2,536,242	2,584,341	
Total 12 months	27,583,927	26,012,805	28,351,514	30,080,248	
" first 3 "	6,947,528	6,599,486	6,967,893	7,319,331	7,673,572

EXPORTS TO THE UNITED STATES

January	134,931	157,532	166,915	149,050	192,470
February	138,041	123,094	153,491	139,908	176,643
March	172,695	144,091	165,422	155,402	201,613
April	164,250	135,616	141,523	170,600	
May	161,033	155,292	164,520	193,354	
June	158,657	158,313	163,063	190,704	
July	164,057	159,349	162,973	203,058	
August	162,617	149,493	177,824	192,236	
September	143,441	151,691	159,713	186,983	
October	142,736	165,455	151,794	168,904	
November	145,549	165,299	155,247	185,492	
December	159,093	161,290	150,138	199,866	
Total 12 months	1,847,100	1,826,515	1,912,623	2,135,557	
" first 3 "	445,667	424,717	485,828	444,360	570,726

OUTPUT LESS EXPORTS AND SECONDARY POWER

January	1,474,787	1,558,575	1,644,983	1,853,157	2,188,075
February	1,344,387	1,435,998	1,488,480	1,727,442	2,008,725
March	1,532,912	1,573,090	1,613,989	1,835,439	2,194,373
April	1,510,508	1,480,284	1,560,142	1,834,573	
May	1,519,545	1,505,826	1,623,856	1,941,629	
June	1,496,283	1,470,027	1,586,964	1,860,736	
July	1,510,365	1,466,399	1,587,154	1,892,596	
August	1,543,699	1,518,479	1,641,330	1,940,992	
September	1,573,502	1,537,426	1,668,186	1,933,692	
October	1,655,879	1,631,513	1,804,048	2,072,232	
November	1,632,494	1,617,311	1,809,175	2,079,984	
December	1,629,452	1,640,012	1,820,186	2,134,315	
Total 12 months	18,423,813	18,434,940	19,848,493	23,106,787	
" first 3 "	4,352,086	4,567,663	4,747,452	5,416,038	6,391,173



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**TRANSPORTATION AND PUBLIC UTILITIES BRANCH**  
**OTTAWA**

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Dominion Statistician, R.H. COATS, LL. D., F.R.S.C., F.S.S. (Hon.)

Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

April, 1941.

The output of central electric stations reached a new high record in April at 2,693,353,000 kw.h. as compared with 2,631,809,000 kw.h. in March and 2,398,722,000 kw.h. in April 1940. The average daily output was 5.7 p.c. above the March average.

Production of secondary power increased to 335,398,000 kw.h. for use in Canada and 93,998,000 kw.h. for export, a total of 429,396,000 kw.h. as against 316,146,000 kw.h. in March, but in April 1940 the production was 495,872,000 kw.h. (revised). Water conditions accounted for the March to April increase.

Exports to the United States amounted to 211,594,000 kw.h., the increase over March export of 201,613,000 kw.h. being all secondary power.

Consumption of firm power in Canada amounted to 2,146,361,000 kw.h. or a daily average of 71,545,000 kw.h., the highest yet reached, and the index number adjusted for uneven months and other seasonal factors reached a new high peak at 148.3 or 4 points above the previous peak made in March 1941.

26/5/41.

Price per year 50 cents.

## CENTRAL ELECTRIC

Month of

(Thousands of

		Total	Prince Edward Island	Nova Scotia
A	<u>Production - Hydraulic</u>	2,640,219	18	27,047
B	Thermal	53,134	695	13,660
C (A + B)	Total	2,693,353	713	40,707
D	<u>Receipts from other Provinces</u>		...	...
E (C + D)	<u>Output plus Receipts</u>		713	40,707
F	<u>Deliveries to other Provinces</u>		...	...
	<u>Exports to U.S.A.</u>			
G	Firm Power	117,596	...	...
H	Secondary	93,998	...	...
I (G + H)	Total	211,594	...	...
J (F + I)	<u>Total Deliveries</u>		...	...
K (E - J)	<u>Net consumption in Canada</u>	2,481,759	713	40,707
	<u>Secondary Power</u>			
L	For Boilers	261,119	...	...
M	For other uses in Canada	74,279	...	...
N (L + M)	Total	335,398	...	...
O (K - N)	<u>Net consumption of Firm Power</u>	2,146,361	713	40,707
	<u>CUMULATIVE PRODUCTION TOTALS. January - April</u>			
P	Firm Power 1940	7,523,170	2,241	135,159
Q	1941	9,006,114	2,885	156,070
R	Secondary Power 1940 (1)	2,194,883	...	...
S	1941 (1)	1,360,817	...	...
T (P + R)	Total 1940	9,718,053	2,241	135,159
U (Q + S)	1941	10,366,931	2,885	156,070
	<u>DAILY AVERAGE CONSUMPTION OF FIRM POWER (OUTPUT LESS EXPORTS TO U.S.A.)</u>			
V (Ave. of '0)	April 1940	59,488	18	1,186
W ( " " " )	" 1941	71,545	24	1,357

(1) Includes secondary power exported to U.S.A.

INDEX NUMBERS

(Average 1935-39 = 100)

	January	February	March	April	May	June
			<u>TOTAL OUTPUT</u>			
1939	105.7	106.4	104.1	102.9	107.4	108.2
1940	111.9	113.7	106.8	112.3	123.0	124.2
1941	116.7	115.7	115.8	126.1		
			<u>OUTPUT LESS EXPORTS AND SECONDARY POWER</u>			
1939	106.5	106.5	106.1	107.8	109.7	110.6
1940	120.0	123.7	120.7	126.8	131.2	129.7
1941	141.7	143.8	144.3	148.3		

# STATION DATA

April, 1941

Kilowatt hours)

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
31,441 6,715	1,431,768 454	793,916 ...	121,882 254	31,489 14,900	9,383 13,739	193,275 2,717
38,156	1,432,222	793,916	122,136	46,389	23,122	195,992
585	14,095	281,081	...	...	1,760	...
38,741	1,446,317	1,074,997	122,136	46,399	24,882	195,992
...	281,666	14,095	...	...	...	1,760
2,511 ...	50,808 ...	64,154 93,938	82 ...	...	...	41 ...
2,511	30,806	136,152	82	...	...	41
2,511	332,474	172,247	82	...	...	1,801
36,230	1,113,843	902,750	122,054	46,389	24,882	194,191
58 ...	195,275 23,874	32,045 48,056	35,446 2,347	...	...	295 ...
58	219,143	80,101	35,735	...	...	295
36,172	894,694	822,649	66,259	46,389	24,882	193,896
129,657 142,068	3,824,300 4,790,495	2,164,215 2,545,515	322,030 340,908	186,031 190,784	87,894 96,650	671,643 740,739
2,911 4,243	1,292,962 612,009	693,950 617,863	204,046 125,588	...	...	1,014 1,114
132,568 146,311	5,117,262 5,402,504	2,858,165 3,163,378	526,076 466,496	187,031 190,784	87,894 96,650	672,657 741,853
1,238 1,206	25,053 29,823	21,612 27,482	2,653 2,575	1,466 1,546	719 829	5,563 6,463

## INDEX NUMBERS

(Average 1935-39 = 100)

July	August	September	October	November	December
TOTAL OUTPUT					
108.4 128.6	109.3 119.4	113.1 114.0	113.3 108.8	112.3 109.0	109.4 111.4
OUTPUT LESS EXPORTS AND SECONDARY POWER					
110.9 132.3	112.3 132.9	113.4 111.1	114.4 111.3	112.6 104.1	112.7 106.9



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1937	1938	1939	1940	1941
January	2,317,906	2,283,691	2,386,979	2,526,143	2,634,695
February	2,146,578	2,057,598	2,214,174	2,367,031	2,407,068
March	2,412,259	2,258,197	2,366,740	2,426,157	2,631,809
April	2,322,884	2,063,801	2,197,379	2,398,722	2,693,353
May	2,301,167	2,081,935	2,333,443	2,671,567	
June	2,255,338	1,973,155	2,245,537	2,578,883	
July	2,188,055	1,987,774	2,205,844	2,615,232	
August	2,197,725	2,075,901	2,293,032	2,500,179	
September	2,204,291	2,168,435	2,380,652	2,399,678	
October	2,365,052	2,333,461	2,589,956	2,487,455	
November	2,414,676	2,378,631	2,601,536	2,524,860	
December	2,457,996	2,358,196	2,536,242	2,584,341	
Total 12 months	27,583,927	26,012,805	28,351,514	30,080,248	
" first 4 "	9,199,627	8,663,287	9,165,272	9,718,053	10,366,931

EXPORTS TO THE UNITED STATES

January	134,931	157,532	166,915	149,050	192,470
February	138,041	123,094	153,491	139,908	176,643
March	172,695	144,091	165,422	155,402	201,613
April	164,250	135,616	141,523	170,600	211,594
May	161,033	155,292	164,520	193,354	
June	158,657	158,313	163,063	190,704	
July	164,057	159,349	162,973	203,058	
August	162,617	149,493	177,824	192,236	
September	143,441	151,691	159,713	186,983	
October	142,736	165,455	151,794	168,904	
November	145,549	165,299	155,247	185,492	
December	159,093	161,290	150,138	199,866	
Total 12 months	1,847,100	1,826,515	1,912,623	2,135,557	
" first 4 "	609,517	560,333	627,351	614,960	782,320

OUTPUT LESS EXPORTS AND SECONDARY POWER

January	1,474,787	1,558,575	1,644,983	1,853,157	2,188,075
February	1,344,387	1,435,998	1,488,480	1,727,442	2,008,725
March	1,532,912	1,573,090	1,613,989	1,835,439	2,194,373
April	1,510,508	1,480,284	1,560,142	1,834,573	2,146,361
May	1,519,545	1,505,826	1,623,856	1,941,629	
June	1,496,283	1,470,027	1,586,964	1,860,736	
July	1,510,365	1,466,399	1,587,154	1,892,596	
August	1,543,699	1,518,479	1,641,330	1,940,992	
September	1,573,502	1,537,426	1,668,186	1,933,692	
October	1,655,879	1,631,513	1,804,048	2,072,232	
November	1,632,494	1,617,311	1,809,175	2,079,984	
December	1,629,452	1,640,012	1,820,186	2,134,315	
Total 12 months	18,423,813	18,434,940	19,848,493	23,106,787	
" first 4 "	5,862,594	6,047,947	6,307,594	7,250,611	8,537,534

**DOMINION BUREAU OF STATISTICS**  
**TRANSPORTATION AND PUBLIC UTILITIES BRANCH**  
**OTTAWA**

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Dominion Statistician, R.H. COATS, LL. D., FR.S.C., F.S.S. (Hon.)

Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

MAY, 1941.

The output of central electric stations continued to increase and reached an all time high in May of 2,805,394,000 kw.h. compared with 2,671,567,000 kw.h. in May 1940. This was an increase of 5.0 p.c. The production of firm power for use in Canada (including line losses), however, increased from 1,890,025,000 kw.h. in May last year to 2,205,990,000 kw.h. or by 16.7 p.c. and the index number rose to 152.4, the highest yet reached, as against 151.7 for April, the previous high record.

The production of secondary power for export and use in Canada declined from 655,224,000 kw.h. in May 1940 to 475,864,000 kw.h. or by 36 p.c., but the daily average was 8 p.c. above the average for April.

Exports to the United States amounted to 210,495,000 kw.h. as against 193,354,000 kw.h. in May last year, firm power exports decreasing from 126,319,000 to 123,440,000 kw.h., and secondary exports increasing from 67,035,000 to 87,055,000 kw.h.

## CENTRAL ELECTRIC

Month of

(Thousands of

		Total	Prince Edward Island	Nova Scotia
A	<u>Production</u> - Hydraulic	2,756,283	17	27,802
B	Thermal	49,111	614	13,369
C (A + B)	Total	2,805,394	631	41,171
D	<u>Receipts from other Provinces</u>	...	...	...
E (C + D)	<u>Output plus Receipts</u>	...	631	41,171
F	<u>Deliveries to other Provinces</u>	...	...	...
	<u>Exports to U.S.A.</u>			
G	Firm Power	123,440	...	...
H	Secondary	87,055	...	...
I (G + H)	Total	210,495	...	...
J (F + I)	<u>Total Deliveries</u>	...	...	...
K (E - J)	<u>Net consumption in Canada</u>	2,594,899	631	41,171
	<u>Secondary Power</u>			
L	For Boilers	309,916	...	...
M	For other uses in Canada	78,993	...	1,164
N (L + M)	Total	388,909	...	1,164
C (K - N)	<u>Net consumption of Firm Power</u>	2,205,990	631	40,007
<u>CUMULATIVE PRODUCTION TOTALS. January - May</u>				
P	Firm Power 1940	9,539,514	2,730	171,699
Q	1941	11,335,543	3,516	197,241
R	Secondary Power 1940 (1)	2,850,106	...	...
S	1941 (1)	1,836,782	...	11,336
T (P + R)	Total 1940	12,389,620	2,730	171,699
U (Q + S)	1941	13,172,325	3,516	197,241
<u>DAILY AVERAGE CONSUMPTION OF FIRM POWER (OUTPUT LESS EXPORTS TO U.S.A.)</u>				
V (Average of C)	May 1940 (Revised)	60,960	16	1,179
W ( " " )	" 1941	71,160	20	1,291

(1) Includes secondary power exported to U.S.A.

INDEX NUMBERS

(Average 1935-39 =100)

	January	February	March	April	May	June
	<u>TOTAL OUTPUT</u>					
1939	105.7	106.4	104.1	102.9	107.4	108.2
1940	111.9	113.7	106.8	112.3	123.0	124.2
1941	116.7	115.7	115.8	126.1	129.1	
	<u>OUTPUT LESS EXPORTS AND SECONDARY POWER (Revised)</u>					
1939	107.0	106.9	106.7	108.0	109.9	110.9
1940	119.7	123.4	120.5	126.1	130.6	129.2
1941	145.1	147.5	148.0	151.7	152.4	



## STATION DATA

May, 1941

Kilowatt hours)

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
38,917 7,924	1,490,092 398	817,439 ...	130,673 232	34,048 15,097	16,320 7,844	200,975 3,633
46,841	1,490,490	817,439	130,905	49,145	24,164	204,608
572	16,296	291,051	...	...	2,030	...
47,413	1,506,786	1,108,490	130,905	49,145	26,194	204,608
31	291,623	16,265	...	...	...	2,030
2,404 ...	53,518 ...	67,409 87,055	67 ...	... ...	... ...	42 ...
2,404	53,518	154,464	67	...	...	42
2,435	345,141	170,729	67	...	...	2,072
44,978	1,161,645	937,761	130,838	49,145	26,194	202,536
7,093 ...	222,679 24,890	30,637 30,442	40,225 2,498	... ...	... ...	269 ...
7,093	247,569	90,091	42,723	...	...	269
37,885	914,076	847,670	88,115	49,145	26,194	202,267
172,045 191,988	4,870,864 6,033,416	2,730,865 3,185,808	406,890 429,088	230,414 239,929	107,984 120,814	846,023 945,079
3,806 1,164	1,691,088 859,578	914,056 795,009	239,863 168,313	... ...	... ...	1,293 1,382
175,851 193,152	6,561,952 6,892,994	3,644,921 3,980,817	646,753 597,401	230,414 239,929	107,984 120,814	847,316 946,461
1,320 1,222	22,410 29,486	25,605 27,344	2,735 2,842	1,432 1,585	709 845	5,563 6,525

## INDEX NUMBERS

(Average 1935-39 - 100)

July	August	September	October	November	December	
TOTAL OUTPUT						
108.4 128.6	109.5 119.4	113.1 114.0	113.3 108.8	112.3 109.0	109.4 111.4	
OUTPUT LESS EXPORTS AND SECONDARY POWER (Revised)						
111.6 132.5	112.3 132.0	113.1 130.9	113.4 130.7	115.9 133.6	116.1 136.6	

# OUTPUT OF CENTRAL ELECTRIC STATIONS

(Thousands of Kilowatt Hours)

Month	1937	1938	1939	1940	1941
January	2,317,906	2,283,691	2,386,979	2,526,143	2,634,695
February	2,146,578	2,057,598	2,214,174	2,367,031	2,407,068
March	2,412,259	2,258,197	2,366,740	2,426,157	2,631,809
April	2,322,884	2,063,801	2,197,379	2,398,722	2,693,353
May	2,301,167	2,061,933	2,335,443	2,371,567	2,805,394
June	2,255,338	1,973,155	2,245,537	2,578,883	
July	2,188,055	1,987,774	2,205,844	2,615,232	
August	2,197,725	2,075,901	2,293,032	2,500,179	
September	2,204,291	2,168,435	2,380,652	2,399,678	
October	2,365,052	2,333,461	2,589,956	2,487,455	
November	2,414,676	2,375,661	2,601,536	2,524,860	
December	2,457,996	2,353,196	2,536,242	2,584,341	
Total 12 months	27,583,927	26,012,805	28,351,514	30,080,248	
" first 5 "	11,500,794	10,745,222	11,498,715	12,389,620	13,172,325

## EXPORTS TO THE UNITED STATES

January	134,931	157,532	166,915	149,050	192,470
February	138,041	123,094	153,491	139,908	176,643
March	172,695	144,091	165,422	155,402	201,613
April	164,250	135,616	141,523	170,600	211,594
May	161,033	155,292	164,520	193,354	210,495
June	158,657	158,313	163,063	190,704	
July	164,057	159,349	162,973	203,058	
August	162,617	149,493	177,324	192,236	
September	143,441	151,691	159,713	186,983	
October	142,736	165,455	151,794	168,904	
November	145,549	165,299	155,247	185,492	
December	159,093	161,290	150,138	199,866	
Total 12 months	1,847,100	1,826,515	1,912,623	2,135,557	
" first 5 "	770,950	715,625	791,871	808,314	992,815

## OUTPUT LESS EXPORTS AND SECONDARY POWER (Revised)

January	1,433,499	1,522,381	1,612,995	1,805,591	2,188,080
February	1,307,226	1,404,034	1,455,426	1,680,884	2,008,725
March	1,487,828	1,539,443	1,581,562	1,786,563	2,194,373
April	1,469,055	1,447,356	1,528,777	1,784,640	2,146,361
May	1,478,130	1,472,745	1,590,865	1,890,025	2,205,990
June	1,456,355	1,439,682	1,555,822	1,812,317	
July	1,469,523	1,434,504	1,554,705	1,846,304	
August	1,501,943	1,487,662	1,609,545	1,893,312	
September	1,533,123	1,508,400	1,630,038	1,886,670	
October	1,611,025	1,602,664	1,753,729	2,021,032	
November	1,593,197	1,588,315	1,760,849	2,030,222	
December	1,593,203	1,609,049	1,770,859	2,083,949	
Total 12 months	17,934,107	18,056,235	19,405,172	22,521,509	
" first 5 "	7,175,738	7,385,959	7,769,625	8,947,703	10,743,529

**DOMINION BUREAU OF STATISTICS**  
**TRANSPORTATION AND PUBLIC UTILITIES BRANCH**  
**OTTAWA**

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Dominion Statistician, R.H. COATS, LL. D., F.R.S.C., F.S.S. (Hon.)

Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

JUNE, 1941.

The output of central electric stations during June amounted to 2,560,060,000 kw.h. as against 2,578,883,000 kw.h. in June last year. The decrease was all in secondary power which dropped from 643,817,000 to 277,254,000 kw.h. Cutting off secondary loads increases the capacity available for firm power loads but tends to reduce the total kw.h. output.

The consumption of firm power in Canada (output less exports to the United States and secondary power) amounted to 2,167,151,000 kw.h. as against 1,812,317,000 kw.h. in June 1940. On a daily basis (72,238,000 kw.h.) this was the highest on record, the average for May being 71,160,000 and for February 71,740,000 kw.h. The index number also rose to a new high at 154.5.

Exports to the United States dropped to 187,044,000 from 210,495,000 kw.h. in May, both firm and secondary power showing decreases.

The production of secondary power for use in Canada was reduced from 388,909,000 kw.h. in May to 205,865,000 kw.h. or less than half the production in June 1940.

25/7/41.

Price per year 50 cents.



## CENTRAL ELECTRIC

Month of

(Thousands of

		Total	Prince Edward Island	Nova Scotia
A	Production - Hydraulic	2,512,669	16	23,907
B	Thermal	47,391	583	13,959
C (A + B)	Total	2,560,060	599	37,866
D	Receipts from other Provinces	...	...	...
E (C + D)	Output plus Receipts	...	599	37,866
F	Deliveries to other Provinces	...	...	...
G	Exports to U.S.A. Firm Power	115,655	...	...
H	Secondary "	71,389	...	...
I (G + H)	Total	187,044	...	...
J (F + I)	Total Deliveries	...	...	...
K (E - J)	Net consumption in Canada	2,373,016	599	37,866
L	Secondary Power For Boilers	126,690	...	...
M	For other uses in Canada	79,175	...	543
N (L + M)	Total	205,865	...	543
O (K - N)	Net consumption of Firm Power	2,167,151	599	37,323
CUMULATIVE PRODUCTION TOTALS. January - June				
P	Firm Power 1940	11,474,579	3,199	206,351
Q	1941	13,618,349	4,115	233,400
R	Secondary Power 1940 (1)	3,493,924	...	...
S	1941 (1)	2,114,036	...	1,707
T (P + R)	Total 1940	14,968,503	3,199	206,351
U (Q + S)	1941	15,732,385	4,115	235,107
DAILY AVERAGE CONSUMPTION OF FIRM POWER (OUTPUT LESS EXPORTS TO U.S.A.)				
V (Average of O)	June 1940 (revised)	60,410	16	1,155
W ( " " )	" 1941	72,238	20	1,244

(1) Includes Secondary Power exported to U.S.A.

## INDEX NUMBERS

(Average 1935-39 =100)

	January	February	March	April	May	June
	TOTAL OUTPUT					
1939	105.7	106.4	104.1	102.9	107.4	108.2
1940	111.9	113.7	106.8	112.3	123.0	124.2
1941	116.7	115.7	115.8	126.1	129.1	123.3
	OUTPUT LESS EXPORTS AND SECONDARY POWER (Revised)					
1939	107.0	106.9	106.7	108.0	109.9	110.9
1940	119.7	123.4	120.5	126.1	130.6	129.2
1941	145.1	147.5	148.0	151.7	152.4	154.5

## STATION DATA

JUNE, 1941

Kilowatt hours)

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
58,023 7,814	1,329,189 380	774,104 ...	112,888 210	32,187 14,640	17,021 6,166	185,335 3,639
45,837	1,329,568	774,104	113,098	46,827	23,187	188,974
520	13,813	273,075	...	...	2,044	...
46,357	1,343,381	1,047,179	113,098	46,827	25,231	188,974
...	273,595	13,813	...	...	...	2,044
2,092 ...	51,741 ...	61,761 71,389	20 ...	... ...	... ...	41 ...
2,092	51,741	133,150	20	...	...	41
2,092	325,336	146,963	20	...	...	2,085
44,265	1,018,045	900,216	113,078	46,827	25,231	186,889
4,858 ....	59,886 27,967	35,914 48,411	25,867 2,254	... ...	... ...	165 ...
4,858	87,853	84,325	28,121	...	...	165
39,407	930,192	815,891	84,957	46,827	25,231	186,724
214,468 222,795	5,869,329 7,275,132	3,278,658 3,804,197	487,873 514,067	271,578 286,756	127,157 144,001	1,015,966 1,133,886
5,575 16,194	2,105,437 947,430	1,121,834 950,724	259,522 196,432	... ...	... ...	1,556 1,549
220,043 238,989	7,974,766 8,222,562	4,400,492 4,754,921	747,395 710,499	271,578 286,756	127,157 144,001	1,017,522 1,135,435
1,369 1,313	22,447 31,006	25,052 27,196	2,697 2,932	1,372 1,562	696 841	5,606 6,224

## INDEX NUMBERS

(Average 1935-39 - 100)

July	August	September	October	November	December	
TOTAL OUTPUT						
108.4 128.6	109.5 119.4	113.1 114.0	113.3 108.8	112.3 109.0	109.4 111.4	
OUTPUT LESS EXPORTS AND SECONDARY POWER (Revised)						
111.6 132.5	112.3 132.0	113.1 130.9	113.4 130.7	115.9 133.6	115.1 136.6	

# OUTPUT OF CENTRAL ELECTRIC STATIONS

(Thousands of Kilowatt Hours)

Month	1937	1938	1939	1940	1941
January	2,317,906	2,283,691	2,386,979	2,526,143	2,634,695
February	2,146,578	2,057,598	2,214,174	2,367,031	2,407,068
March	2,412,259	2,258,197	2,366,740	2,426,157	2,631,809
April	2,322,884	2,063,801	2,197,379	2,398,722	2,693,353
May	2,301,167	2,081,935	2,333,443	<u>2,671,567</u>	2,805,394
June	2,255,338	1,973,155	2,245,537	2,578,883	2,560,060
July	2,188,055	1,987,774	2,205,844	2,615,232	
August	2,197,725	2,075,901	2,293,032	2,500,179	
September	2,204,291	2,168,435	2,380,652	2,399,678	
October	2,365,052	2,333,461	2,589,956	2,487,455	
November	2,414,676	<u>2,375,661</u>	<u>2,601,536</u>	2,524,860	
December	<u>2,457,996</u>	2,353,196	2,536,242	2,584,341	
Total 12 months	27,583,927	26,012,805	28,351,514	30,080,248	
" first 6 "	13,756,132	12,718,377	13,744,252	14,968,503	15,732,385

## EXPORTS TO THE UNITED STATES

January	134,931	157,532	166,915	149,050	192,470
February	138,041	123,094	153,491	139,908	176,643
March	<u>172,695</u>	144,091	165,422	155,402	201,613
April	<u>164,250</u>	135,616	141,523	170,600	211,594
May	161,033	155,292	164,520	193,354	210,495
June	158,657	158,313	163,063	190,704	187,044
July	164,057	159,349	162,973	<u>203,058</u>	
August	162,617	149,493	<u>177,824</u>	192,236	
September	143,441	151,691	159,713	186,983	
October	142,736	<u>165,455</u>	151,794	168,904	
November	145,549	165,299	155,247	185,492	
December	159,093	161,290	150,138	199,866	
Total 12 months	1,847,100	1,826,515	1,912,623	2,135,557	
" first 6 "	929,607	873,938	954,934	999,018	1,179,859

## OUTPUT LESS EXPORTS AND SECONDARY POWER (Revised)

January	1,433,499	1,522,381	1,612,995	1,805,591	2,188,080
February	1,307,226	1,404,034	1,455,426	1,680,884	2,008,725
March	1,487,828	1,539,443	1,581,562	1,786,563	2,194,373
April	1,469,055	1,447,356	1,528,777	1,784,640	2,146,361
May	1,478,130	1,472,745	1,590,865	1,890,025	2,205,990
June	1,456,355	1,439,682	1,555,822	1,812,317	2,167,151
July	1,469,523	1,434,504	1,554,705	1,846,304	
August	1,501,943	1,487,662	1,609,545	1,893,312	
September	1,533,123	1,508,400	1,630,038	1,886,670	
October	<u>1,611,025</u>	1,602,664	1,753,729	2,021,032	
November	<u>1,593,197</u>	1,588,315	1,760,849	2,030,222	
December	1,593,203	<u>1,609,049</u>	<u>1,770,859</u>	<u>2,083,949</u>	
Total 12 months	17,934,107	18,056,235	19,405,172	22,521,509	
" first 6 "	8,632,093	8,825,641	9,325,447	10,760,020	12,910,680



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Minister of Trade and Commerce.

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**DOMINION BUREAU OF STATISTICS**  
**TRANSPORTATION AND PUBLIC UTILITIES BRANCH**  
**OTTAWA**

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Dominion Statistician, R.H. COATS, LL. D., F.R.S.C., F.S.S. (Hon.)

Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

JULY, 1941.

Central electric stations produced 2,661,145,000 kw.h. in July, the highest July output on record, and this was exceeded only by the May 1940 and the April and May 1941 outputs. The index number adjusted for seasonal variations rose to a new high at 130.8.

Firm power produced for Canadian consumption (output less exports and secondary power) reached a new high point at 2,234,260,000 kw.h. The previous record was 2,205,990,000 kw.h. made in April last. The index number rose from 154.5 for June, the previous high record, to 160.3.

Secondary power for use in Canada was 229,452,000 kw.h. and for export 75,276,000 kw.h., a total of 304,728,000 kw.h. as against a total of 644,199,000 kw.h. in July 1940.

Exports to the United States amounted to 197,433,000 kw.h. as against 203,058,000 kw.h. in July 1940, both firm and secondary exports showing decreases.

Cumulative totals for January - July show an increase in firm power production of 18.8 p.c. and a decrease in secondary power of 71.1 p.c., making a net increase in the total of 4.6 p.c. over the 1940 output.

28/8/41.

Price per year 50 cents.

## CENTRAL ELECTRIC

Month of

(Thousands of

			Total	Prince Edward Island	Nova Scotia
A	<u>Production</u> - Hydraulic		2,610,972	15	24,606
B	Thermal		50,173	574	13,311
C (A + B)	Total		2,661,145	589	37,917
D	<u>Receipts from other Provinces</u>			...	...
E (C + D)	<u>Output plus Receipts</u>			589	37,917
F	<u>Deliveries to other Provinces</u>			...	...
	<u>Exports to U.S.A.</u>				
G	Firm	Power	122,157	...	...
H	Secondary	"	75,276	...	...
I (G + H)	Total		197,433	...	...
J (F + I)	<u>Total Deliveries</u>			...	...
K (E - J)	<u>Net consumption in Canada</u>		2,463,712	589	37,917
	<u>Secondary Power</u>				
L	For Boilers		149,889	...	...
M	For other uses in Canada		79,563	...	273
N (L + M)	Total		229,452	...	273
O (K - N)	<u>Net consumption of Firm Power</u>		2,234,260	589	37,644
<u>CUMULATIVE PRODUCTION TOTALS. January - July</u>					
P	Firm Power	1940	13,445,612	3,674	241,902
Q		1941	15,974,766	4,704	271,044
R	Secondary Power	1940 (1)	4,138,123	...	...
S		1941 (1)	2,418,764	...	1,980
T (P + R)	Total	1940	17,583,735	3,674	241,902
U (Q + S)		1941	18,393,530	4,704	273,024
<u>DAILY AVERAGE CONSUMPTION OF FIRM POWER (OUTPUT LESS EXPORTS TO U.S.A.)</u>					
V (Average of O)		1940 (revised)	59,558	15	1,147
W ( " " " )		1941	72,073	19	1,214

(1) Includes Secondary Power exported to U.S.A.

INDEX NUMBERS

(Average 1935-39 = 100)

	January	February	March	April	May	June
	<u>TOTAL OUTPUT</u>					
1939	105.7	106.4	104.1	102.9	107.4	108.2
1940	111.9	113.7	106.8	112.3	123.0	124.2
1941	116.7	115.7	115.8	126.1	129.1	123.3
	<u>OUTPUT LESS EXPORTS AND SECONDARY POWER (Revised)</u>					
1939	107.0	106.9	106.7	108.0	109.9	110.9
1940	119.7	123.4	120.5	126.1	130.6	129.2
1941	145.1	147.5	148.0	151.7	152.4	154.5

## STATION DATA

JULY, 1941

Kilowatt hours)

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
40,195 8,318	1,405,403 430	786,583 ...	103,901 239	33,992 15,223	17,273 7,361	199,004 4,717
48,513	1,405,833	786,583	104,140	49,215	24,634	203,721
499	14,765	284,946	...	...	2,052	...
49,012	1,420,598	1,071,529	104,140	49,215	26,686	203,721
...	285,445	14,765	...	...	...	2,052
2,129 ...	53,360 ...	66,537 75,276	66 ...	... ...	... ...	65 ...
2,129	53,360	141,813	66	...	...	65
2,129	338,805	156,573	66	...	...	2,117
46,883	1,081,793	914,951	104,074	49,215	26,686	201,604
3,232 ...	102,497 29,263	23,739 49,090	20,334 937	... ...	... ...	87 ...
3,232	131,760	72,829	21,271	...	...	87
43,651	950,033	842,122	82,803	49,215	26,686	201,517
257,105 268,076	6,898,486 8,549,205	3,821,259 4,442,675	567,905 596,935	314,297 335,971	147,904 168,635	1,193,080 1,337,521
9,014 19,426	2,525,689 1,079,190	1,327,422 1,098,829	274,175 217,704	... ...	... ...	1,823 1,635
266,119 287,502	9,424,175 9,628,395	5,148,681 5,541,504	842,080 814,639	314,297 335,971	147,904 168,635	1,194,903 1,339,156
1,335 1,408	22,187 30,646	24,536 27,165	2,579 2,671	1,378 1,588	731 861	5,650 6,501

## INDEX NUMBERS

(Average 1935-39 = 100)

July	August	September	October	November	December	
TOTAL OUTPUT						
108.4 <u>128.6</u> 130.8	109.5 119.4	113.1 114.0	113.3 <u>108.8</u>	112.3 109.0	109.4 111.4	
OUTPUT LESS EXPORTS AND SECONDARY POWER (Revised)						
111.6 132.5 160.3	112.3 132.0	113.1 130.9	113.4 130.7	115.9 133.6	<u>116.1</u> <u>136.6</u>	



# OUTPUT OF CENTRAL ELECTRIC STATIONS

(Thousands of Kilowatt Hours)

Month	1937	1938	1939	1940	1941
January	2,317,906	2,283,691	2,386,979	2,526,143	2,634,695
February	2,146,578	2,057,598	2,214,174	2,367,081	2,407,068
March	2,412,259	2,258,197	2,366,740	2,427,157	2,631,809
April	2,322,884	2,063,801	2,197,379	2,398,722	2,693,353
May	2,501,137	2,081,935	2,333,443	2,371,567	2,805,394
June	2,255,338	1,973,155	2,245,537	2,578,883	2,560,060
July	2,188,055	1,987,774	2,205,844	2,615,232	2,661,145
August	2,197,723	2,075,901	2,293,032	2,500,179	
September	2,204,291	2,168,435	2,380,652	2,193,678	
October	2,365,052	2,333,461	2,589,956	2,487,455	
November	2,414,676	2,375,661	2,601,536	2,524,860	
December	2,457,096	2,353,196	2,536,242	2,584,341	
Total 12 months	27,583,927	26,012,805	28,351,514	30,080,248	
" first 7 "	15,944,187	14,706,151	15,950,096	17,583,735	18,393,530

## EXPORTS TO THE UNITED STATES

January	134,931	157,532	166,915	149,050	192,470
February	138,041	123,094	153,491	139,908	176,643
March	172,695	144,091	165,422	155,402	201,613
April	164,250	135,616	141,523	170,600	211,594
May	161,033	155,292	164,520	193,354	210,495
June	158,657	158,313	163,063	190,704	187,044
July	164,057	159,349	162,973	203,059	197,433
August	162,617	149,493	177,824	192,236	
September	143,441	151,691	159,713	186,983	
October	142,736	165,455	151,794	168,904	
November	145,549	165,299	155,247	185,492	
December	159,093	161,290	150,138	199,866	
Total 12 months	1,847,100	1,826,515	1,912,623	2,135,557	
" first 7 "	1,093,664	1,033,287	1,117,907	1,102,076	1,377,292

## OUTPUT LESS EXPORTS AND SECONDARY POWER (Revised)

January	1,433,499	1,522,381	1,612,995	1,805,591	2,188,080
February	1,307,226	1,404,034	1,455,426	1,580,284	2,008,725
March	1,487,828	1,539,443	1,581,562	1,786,563	2,194,373
April	1,469,055	1,447,356	1,528,777	1,784,640	2,146,361
May	1,478,130	1,472,745	1,590,865	1,890,025	2,205,990
June	1,456,355	1,439,682	1,555,822	1,812,517	2,167,151
July	1,469,523	1,434,504	1,554,705	1,846,304	2,234,260
August	1,501,943	1,487,662	1,609,545	1,893,312	
September	1,533,123	1,508,400	1,630,038	1,886,670	
October	1,611,025	1,602,664	1,753,729	2,021,032	
November	1,593,197	1,588,315	1,760,849	2,030,222	
December	1,593,203	1,603,049	1,770,859	2,083,949	
Total 12 months	17,934,107	18,056,235	19,405,172	22,521,509	
" first 7 "	10,101,616	10,260,145	10,880,152	12,606,324	15,144,940

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Minister of Trade and Commerce.

DEPT. OF POLITICAL SCIENCE  
UNIVERSITY OF TORONTO

**DOMINION BUREAU OF STATISTICS**  
**TRANSPORTATION AND PUBLIC UTILITIES BRANCH**  
**OTTAWA**

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Dominion Statistician, R.H. COATS, LL. D., F.R.S.C., F.S.S. (Hon.)

Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

AUGUST, 1941.

Central electric stations produced 2,640,084,000 kw.h. during August as against 2,661,145,000 kw.h. in July and 2,500,179,000 kw.h. in August last year.

Production of firm power for use in Canada (including line losses) reached a new high at 2,288,214,000 kw.h. This was an increase of 20.8 p.c. above the production for August last year and 2.4 p.c. over last July's production. This, however, was slightly below the usual seasonal increase and the index number declined from 160.3 for July, the highest reached, to 159.6.

Exports to the United States dropped from 197,433,000 kw.h. in July to 187,600,000 kw.h., practically all the decrease being in secondary power which decreased from 75,276,000 to 65,469,000 kw.h.

Secondary power for use in Canada was reduced from 229,452,000 kw.h. in July and from 414,632,000 kw.h. in August last year to 164,270,000 kw.h., the drop in Quebec being from 131,760,000 kw.h. in July to 71,061,000 kw.h.

## CENTRAL ELECTRIC

Month of

(Thousands of

				Total	Prince Edward Island	Nova Scotia
A	<u>Production</u> - Hydraulic			2,589,376	15	24,631
B	Thermal			50,708	633	14,626
C (A + B)	Total			2,640,084	648	39,257
D	<u>Receipts from other Provinces</u>				...	...
E (C + D)	<u>Output plus Receipts</u>			...	648	39,257
F	<u>Deliveries to other Provinces</u>				...	...
	<u>Exports to U.S.A.</u>					
G	Firm	Power		122,131	...	...
H	Secondary	"		65,469	...	...
I (G + H)	Total			187,600	...	...
J (F + I)	<u>Total Deliveries</u>				...	...
K (E - J)	<u>Net consumption in Canada</u>			2,452,484	648	39,257
	<u>Secondary Power</u>					
L	For Boilers			87,969	...	...
M	For other uses in Canada			76,301	...	244
N (L + M)	Total			164,270	...	244
O (K - N)	Net consumption of Firm Power			2,288,214	648	39,013
<u>CUMULATIVE PRODUCTION TOTALS. January - August</u>						
P	Firm Power	1940		15,459,642	4,217	277,823
Q		1941		18,385,110	5,352	310,056
R	Secondary Power	1940	(1)	4,624,272	...	...
S		1941	(1)	2,648,504	...	2,225
T (P + R)	Total	1940		20,083,914	4,217	277,823
U (Q + S)		1941		21,033,614	5,352	312,281
<u>DAILY AVERAGE CONSUMPTION OF FIRM POWER (OUTPUT LESS EXPORTS TO U.S.A.)</u>						
V (Average of O)	August	1940 (revised)		61,074	17	1,159
W ( " " " )	"	1941		73,813	21	1,258

(1) Includes Secondary Power exported to U.S.A.

## INDEX NUMBERS

(Average 1935-39 = 100)

	January	February	March	April	May	June
	TOTAL OUTPUT					
1939	105.7	106.4	104.1	102.9	107.4	108.2
1940	111.9	113.7	106.8	112.3	123.0	124.2
1941	116.7	115.7	115.8	126.1	129.1	123.3
	OUTPUT LESS EXPORTS AND SECONDARY POWER (Revised)					
1939	107.0	106.9	106.7	108.0	109.9	110.9
1940	119.7	123.4	120.5	126.1	130.6	129.2
1941	145.1	147.5	148.0	151.7	152.4	154.5



## STATION DATA

AUGUST, 1941

Kilowatt hours)

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
35,857 8,342	1,367,336 453	796,222 ...	103,638 257	34,769 14,823	17,728 7,225	209,190 4,339
44,199	1,367,794	796,222	103,895	49,597	24,943	213,529
597	14,258	287,806	...	...	2,105	...
44,796	1,382,052	1,084,028	103,895	49,597	27,048	213,529
...	288,403	14,258	...	...	...	2,105
2,058 ...	53,465 ...	66,473 65,469	81 ...	... ...	... ...	54 ...
2,058	53,465	131,942	81	...	...	54
2,058	341,868	146,200	81	...	...	2,159
42,738	1,040,184	937,828	103,814	49,597	27,048	211,370
1,176 ...	40,925 30,136	28,768 45,116	16,941 805	... ...	... ...	159 ...
1,176	71,061	73,884	17,746	...	...	159
41,562	969,123	863,944	86,068	49,597	27,048	211,211
296,112 311,099	7,952,953 9,845,938	4,378,083 5,099,544	645,358 683,084	358,562 385,568	169,592 193,578	1,376,942 1,550,891
9,619 20,602	2,828,715 1,150,251	1,500,534 1,238,182	283,211 235,450	... ...	... ...	2,193 1,794
305,731 331,701	10,781,668 10,996,189	5,878,617 6,337,726	928,569 918,534	358,562 385,568	169,592 193,578	1,379,135 1,552,685
1,217 1,341	23,212 31,262	24,916 27,869	2,496 2,776	1,428 1,600	756 873	5,873 6,813

## INDEX NUMBERS

(Average 1935-39 = 100)

July	August	September	October	November	December
TOTAL OUTPUT					
108.4 128.6 130.8	109.5 119.4 126.1	113.1 114.0	113.3 108.8	112.3 109.0	109.4 111.4
OUTPUT LESS EXPORTS AND SECONDARY POWER (Revised)					
111.6 132.5 160.3	112.3 132.0 159.6	113.1 130.9	113.4 130.7	115.9 133.6	116.1 136.6

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1957	1938	1939	1940	1941
January	2,317,906	2,283,691	2,386,979	2,526,143	2,654,695
February	2,146,578	2,057,598	2,214,174	2,367,031	2,407,068
March	2,412,259	2,258,197	2,366,740	2,426,157	2,631,809
April	2,322,884	2,063,801	2,197,379	2,398,722	2,693,553
May	2,301,167	2,081,935	2,333,443	2,671,567	2,805,394
June	2,255,338	1,973,155	2,245,537	2,578,883	2,560,060
July	2,188,055	1,987,774	2,205,844	2,615,232	2,661,145
August	2,197,725	2,075,901	2,293,032	2,500,179	2,640,084
September	2,204,291	2,168,435	2,380,652	2,399,678	
October	2,365,052	2,333,461	2,589,956	2,487,455	
November	2,414,676	2,375,661	2,601,536	2,524,860	
December	2,457,996	2,353,196	2,536,242	2,584,341	
Total 12 months	27,583,927	26,012,805	28,351,514	30,080,248	
" first 8 "	18,141,912	16,782,052	18,243,128	20,083,914	21,033,614

EXPORTS TO THE UNITED STATES

January	134,931	157,532	166,915	149,050	192,470
February	138,041	123,094	153,491	139,908	176,643
March	172,695	144,091	165,422	155,402	201,613
April	164,250	135,616	141,523	170,600	211,594
May	161,033	155,292	164,520	193,354	210,495
June	158,657	158,313	163,063	190,704	187,044
July	164,057	159,349	162,973	203,058	197,433
August	162,617	149,493	177,824	192,236	187,600
September	143,441	151,691	159,713	186,983	
October	142,736	165,455	151,794	168,904	
November	145,549	165,299	155,247	185,492	
December	159,093	161,290	150,138	199,866	
Total 12 months	1,847,100	1,826,515	1,912,623	2,135,557	
" first 8 "	1,256,281	1,182,780	1,295,731	1,394,312	1,564,892

OUTPUT LESS EXPORTS AND SECONDARY POWER

January	1,433,499	1,522,381	1,612,995	1,805,591	2,188,080
February	1,307,226	1,404,034	1,455,426	1,680,884	2,008,725
March	1,487,828	1,539,443	1,581,562	1,786,563	2,194,373
April	1,469,055	1,447,356	1,528,777	1,784,640	2,146,361
May	1,478,130	1,472,745	1,590,865	1,890,025	2,205,990
June	1,456,355	1,439,682	1,555,822	1,812,317	2,167,151
July	1,469,523	1,434,504	1,554,705	1,846,304	2,234,260
August	1,501,943	1,487,662	1,609,545	1,893,312	2,288,214
September	1,533,123	1,508,400	1,630,038	1,886,670	
October	1,611,025	1,602,664	1,753,729	2,021,032	
November	1,593,197	1,588,315	1,760,849	2,030,222	
December	1,593,203	1,609,049	1,770,859	2,083,949	
Total 12 months	17,934,107	18,056,235	19,405,172	22,521,509	
" first 8 "	11,603,559	11,747,807	12,489,697	14,499,636	17,433,154

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Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

SEPTEMBER, 1941.

Central electric stations produced 2,866,647,000 kw.h. in September as against 2,640,084,000 kw.h. in August and 2,399,678,000 kw.h. in September last year. This was the largest output for any month to date, and the index number adjusted for seasonal variations rose to a new high at 136.2 as against the previous peak of 130.8 made in July.

Exports to the United States dropped from 187,600,000 kw.h. in August to 183,954,000 kw.h. which, however, was above the August daily rate.

Secondary power produced for use in Canada amounted to 270,359,000 kw.h., an increase over August secondary power consumption of 106,089,000 kw.h., but a decrease of 126,046,000 kw.h. from September 1940 consumption.

The consumption of firm power in Canada also reached a new high record at 2,412,334,000 kw.h. as against 2,288,214,000 kw.h. in August and 1,886,670,000 kw.h. in September last year. The adjusted index number rose to a new high at 167.4 as against 159.6 for August and 160.3 for July, the previous peak. The daily average consumption of firm power in Quebec increased by 10,785,000 kw.h., or 45 p.c. over September 1940, consumption. In Ontario the increase was 4,696,000 kw.h. or 18 p.c., in British Columbia 1,048,000 kw.h. or 18 p.c. and for Canada 17,522,000 kw.h. or 28 p.c.

29/10/41.

Price per year 50 cents.



## CENTRAL ELECTRIC

Month of

(Thousands of

				Total	Prince Edward Island	Nova Scotia
A	<u>Production</u> - Hydraulic			2,816,486	15	24,884
B	Thermal			50,161	682	14,347
C (A + B)	Total			2,866,647	697	39,231
D	<u>Receipts from other Provinces</u>				...	...
E (C + D)	<u>Output plus Receipts</u>				697	39,231
F	<u>Deliveries to other Provinces</u>				...	...
	<u>Exports to U.S.A.</u>					
G	Firm	Power		120,319	...	...
H	Secondary	"		63,635	...	...
I (G + H)	Total			183,954	...	...
J (F + I)	<u>Total Deliveries</u>				...	...
K (E - J)	<u>Net consumption in Canada</u>			2,682,693	697	39,231
	<u>Secondary Power</u>					
L	For Boilers			215,267	...	...
M	For other uses in Canada			55,092	...	192
N (L + M)	Total			270,359	...	192
C (K - N)	Net consumption of Firm Power			2,412,334	697	39,039
<u>CUMULATIVE PRODUCTION TOTALS. January - September</u>						
P	Firm Power	1940		22,483,593	4,788	312,824
Q		1941		20,917,763	6,049	349,096
R	Secondary Power	1940 (1)		5,020,677	...	...
S		1941 (1)		2,982,498	...	2,416
T (P + R)	Total	1940		17,462,916	4,788	312,824
U (Q + S)		1941		23,900,261	6,049	351,512
<u>DAILY AVERAGE CONSUMPTION OF FIRM POWER (OUTPUT LESS EXPORTS TO U.S.A.)</u>						
V (Average of O)	September	1940 (revised)		62,889	19	1,167
W ( " " " )	"	1941		80,411	23	1,301

(1) Includes Secondary Power exported to U.S.A.

INDEX NUMBERS

(Average 1935-39 = 100)

	January	February	March	April	May	June
	<u>TOTAL OUTPUT</u>					
1939	105.7	106.4	104.1	102.9	107.4	108.2
1940	111.9	113.7	106.8	112.3	123.0	124.2
1941	116.7	115.7	115.8	126.1	129.1	123.3
	<u>OUTPUT LESS EXPORTS AND SECONDARY POWER (Revised)</u>					
1939	107.0	106.9	106.7	108.0	109.9	110.9
1940	119.7	123.4	120.5	126.1	130.6	129.2
1941	145.1	147.5	148.0	151.7	152.4	154.5

## STATION DATA

SEPTEMBER, 1941.

Kilowatt hours)

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
39,305 8,678	1,560,691 506	801,993 ...	130,292 305	33,895 15,775	19,391 6,944	206,020 2,924
47,983	1,561,197	801,993	130,597	49,670	26,335	208,944
513	13,921	316,498	...	...	2,116	...
48,496	1,575,118	1,118,491	130,597	49,670	28,451	208,944
...	317,011	13,921	...	...	...	2,116
2,190 ...	52,477 ...	65,520 63,635	87 ...	... ...	... ...	45 ...
2,190	52,477	129,155	87	...	...	45
2,190	369,488	143,076	87	...	...	2,161
46,306	1,205,630	975,415	130,510	49,670	28,451	206,783
2,387 ...	133,018 28,468	42,494 20,916	37,182 5,516	... ...	... ...	186 ...
2,387	161,486	63,410	42,698	...	...	186
43,919	1,044,144	912,005	87,812	49,670	28,451	206,597
338,848 356,695	12,061,367 11,245,649	6,597,388 5,774,492	1,015,800 770,983	404,553 435,238	191,785 219,913	1,556,240 1,759,648
9,619 22,989	3,066,861 1,311,737	1,653,680 1,365,227	287,949 278,148	... ...	... ...	2,568 1,981
329,229 379,684	8,994,506 12,557,386	4,943,708 7,139,719	727,851 1,049,131	404,553 435,238	191,785 219,913	1,553,672 1,761,629
1,065 1,464	24,020 34,805	25,709 30,400	2,747 2,927	1,533 1,656	790 948	5,839 6,887

## INDEX NUMBERS

(Average 1935-39 = 100)

July	August	September	October	November	December	
TOTAL OUTPUT						
108.4 128.6 130.8	109.5 119.4 126.1	113.1 114.0 136.2	113.3 108.8	112.3 109.0	109.4 111.4	
OUTPUT LESS EXPORTS AND SECONDARY POWER (Revised)						
111.6 132.5 160.3	112.3 132.0 159.6	113.1 130.9 167.4	113.4 130.7	115.9 133.6	116.1 136.6	

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1937	1938	1939	1940	1941
January	2,317,906	2,283,691	2,386,979	2,526,143	2,634,695
February	2,146,578	2,057,598	2,214,174	2,367,031	2,407,068
March	2,412,259	2,258,197	2,566,740	2,426,157	2,631,809
April	2,322,884	2,063,801	2,197,379	2,398,722	2,693,353
May	2,301,167	2,081,935	2,333,443	2,671,567	2,805,394
June	2,255,338	1,973,155	2,245,537	2,578,883	2,560,060
July	2,188,055	1,987,774	2,205,844	2,615,232	2,661,145
August	2,197,725	2,075,901	2,293,032	2,500,179	2,640,084
September	2,204,291	2,168,435	2,380,652	2,399,678	2,866,647
October	2,365,052	2,333,461	2,589,956	2,487,455	
November	2,414,676	2,375,661	2,601,536	2,524,860	
December	2,457,996	2,353,196	2,536,242	2,584,341	
Total 12 months	27,583,927	26,012,805	26,351,514	30,080,248	
" first 9 "	20,346,203	18,950,487	20,623,780	22,433,592	23,900,261

EXPORTS TO THE UNITED STATES

January	184,941	157,834	166,215	149,050	192,470
February	158,041	123,094	153,491	139,908	176,643
March	172,695	144,091	165,422	155,402	201,613
April	164,250	135,616	141,523	170,600	211,594
May	161,033	155,292	164,520	193,354	210,495
June	158,657	158,313	163,063	190,704	187,044
July	164,057	159,349	162,973	203,058	197,433
August	162,617	149,493	177,824	192,236	187,600
September	143,441	151,691	159,713	186,983	183,954
October	142,736	165,455	151,794	168,904	
November	145,549	165,299	155,247	185,492	
December	159,093	161,290	150,138	199,866	
Total 12 months	1,847,100	1,826,515	1,912,623	2,135,557	
" first 9 "	1,399,722	1,334,471	1,455,444	1,581,295	1,748,846

OUTPUT LESS EXPORTS AND SECONDARY POWER

January	1,433,499	1,522,381	1,612,995	1,805,591	2,188,080
February	1,307,226	1,404,034	1,455,426	1,680,884	2,008,725
March	1,487,328	1,539,443	1,581,562	1,786,563	2,194,373
April	1,469,055	1,447,356	1,528,777	1,784,640	2,146,361
May	1,478,130	1,472,745	1,590,865	1,890,025	2,205,990
June	1,456,355	1,439,682	1,555,822	1,812,317	2,167,151
July	1,469,523	1,434,504	1,554,705	1,846,304	2,234,260
August	1,501,943	1,487,662	1,609,545	1,893,312	2,288,214
September	1,533,123	1,508,400	1,630,038	1,886,670	2,412,334
October	1,611,025	1,602,664	1,753,729	2,021,032	
November	1,593,197	1,588,315	1,760,849	2,030,222	
December	1,593,203	1,609,049	1,770,859	2,083,949	
Total 12 months	17,934,107	18,056,235	19,405,172	22,521,509	
" first 9 "	13,136,682	13,256,207	14,119,735	16,386,306	19,845,488



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**DOMINION BUREAU OF STATISTICS**  
**TRANSPORTATION AND PUBLIC UTILITIES BRANCH**  
**OTTAWA**

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Dominion Statistician, R.H. COATS, LL. D., F.R.S.C., F.S.S. (Hon.)

Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

OCTOBER, 1941.

Central electric stations created a new high record in October by producing 3,140,317,000 kw.h., and the index adjusted for seasonal variations rose to a new high at 137.4 as against 136.2 for September. Increases were shown in all provinces even after adjusting for the extra day in October, the largest increase being in Quebec where total output rose from 1,561,197,000 kw.h. in September to 1,722,889,000 kw.h. or by 10.3 p.c., or on a daily basis by 6.8 p.c. This was due to better water conditions.

Exports to the United States increased from 183,954,000 kw.h. in September to 196,578,000, the average daily export of firm power being practically unchanged, but secondary power increasing from 63,635,000 to 72,217,000 kw.h.

Secondary power produced for use in Canada increased from 270,359,000 to 333,637,000 kw.h.

The consumption of firm power in Canada (total output less exports and secondary power) amounted to 2,610,102,000 kw.h. as against 2,412,334,000 kw.h. in September and 2,021,032,000 kw.h. in October 1940. This was a new high record and the index number rose to 168.8 as against 167.4 for September which was the previous high record. The increase in the province of Quebec was from 783,578,000 kw.h. in October 1940 to 1,132,800, or an increase of 45 p.c.

## CENTRAL ELECTRIC

Month of

(Thousands of

				Total	Prince Edward Island	Nova Scotia
A	<u>Production</u> - Hydraulic			3,081,329	14	26,225
B	Thermal			58,988	741	15,729
C (A + B)	Total			3,140,317	755	41,954
D	<u>Receipts from other Provinces</u>			-	-	-
E (C + D)	<u>Output plus Receipts</u>			-	755	41,954
F	<u>Deliveries to other Provinces</u>			-	-	-
	<u>Exports to U.S.A.</u>					
G	Firm	Power		124,361	-	-
H	Secondary	"		72,217	-	-
I (G + H)	Total			196,578	-	-
J (E - I)	<u>Total Deliveries</u>			-	-	-
K (J - F)	<u>Net consumption in Canada</u>			2,943,739	755	41,954
	<u>Secondary Power</u>					
L	For Boilers			274,005	-	-
M	For other uses in Canada			59,632	-	-
N (L + M)	Total			333,637	-	-
O (K - N)	Net consumption of Firm Power			2,610,102	755	41,954
<u>CUMULATIVE PRODUCTION TOTALS. January - October</u>						
P	Firm Power	1940		19,587,514	5,391	350,381
Q		1941		23,652,226	6,804	391,050
R	Secondary Power	1940 (1)		5,383,533	-	-
S		1941 (1)		3,388,352	-	2,416
T (P + R)	Total	1940		24,971,047	5,391	350,381
U (Q + S)		1941		27,040,578	6,804	393,466
<u>DAILY AVERAGE CONSUMPTION OF FIRM POWER (OUTPUT LESS EXPORTS TO U.S.A.)</u>						
V (Average of O)	October	1940 (revised)		65,195	19	1,212
W ( " " )	"	1941		84,197	24	1,353

(1) Includes Secondary Power exported to U.S.A.

## INDEX NUMBERS

(Average 1935-39 = 100)

	January	February	March	April	May	June
	<u>TOTAL OUTPUT</u>					
1939	105.7	106.4	104.1	102.9	107.4	108.2
1940	111.9	113.7	106.8	112.3	123.0	124.2
1941	116.7	115.7	115.8	126.1	129.1	123.3
	<u>OUTPUT LESS EXPORTS AND SECONDARY POWER (Revised)</u>					
1939	107.0	106.9	106.7	108.0	109.9	110.9
1940	119.7	123.4	120.5	126.1	130.6	129.2
1941	145.1	147.5	148.0	151.7	152.4	154.5

DEPT. OF POLITICAL SCIENCE  
UNIVERSITY OF TORONTO

E R R A T A

OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

September, 1941.

Data shown on line "P" should be on line "T".

Data shown on line "T" should be on line "P".





## STATION DATA

OCTOBER, 1941

Kilowatt hours)

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
42,303 9,571	1,722,338 551	860,933 ...	153,699 445	33,810 17,559	13,140 12,589	221,867 1,803
51,874	1,722,889	860,933	154,144	33,369	30,729	223,670
745	12,891	348,744	-	-	1,851	-
52,619	1,735,780	1,209,677	154,144	53,369	32,660	223,670
38	349,489	12,853	-	-	-	1,951
2,584 -	54,529 -	67,118 72,217	89 -	- -	- -	41 -
2,584	54,529	139,335	89	-	-	41
2,622	404,018	152,138	89	-	-	1,922
49,997	1,331,762	1,057,489	154,055	53,369	32,690	221,678
1,748 -	168,255 30,707	53,478 21,522	50,295 7,403	- -	- -	229 -
1,748	198,962	75,000	57,698	-	-	229
48,249	1,132,800	982,489	96,357	33,169	32,660	221,149
365,581 406,821	10,108,963 12,769,576	5,532,257 6,488,208	817,484 867,429	453,589 488,607	217,826 250,642	1,738,042 1,983,089
9,619 24,737	3,267,658 1,510,699	1,798,782 1,512,444	304,678 335,846	- -	- -	2,796 2,210
375,200 431,558	13,374,621 14,280,275	7,331,039 8,000,652	1,122,162 1,203,275	453,589 488,607	217,826 250,642	1,740,838 1,985,299
1,113 1,557	25,277 36,542	26,318 31,693	2,888 3,102	1,582 1,722	892 1,054	5,894 7,144

## INDEX NUMBERS

(Average 1935-39 = 100)

July	August	September	October	November	December
TOTAL OUTPUT					
108.4	109.5	113.1	113.3	112.3	109.4
128.6	119.4	114.0	108.8	109.0	111.4
130.8	126.1	136.2	137.4		
OUTPUT LESS EXPORTS AND SECONDARY POWER (Revised)					
111.6	112.3	113.1	113.4	115.9	116.1
132.5	132.0	130.9	130.7	133.6	136.6
160.3	159.6	167.4	166.8		

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1937	1938	1939	1940	1941
January	2,317,906	2,283,691	2,386,979	2,526,143	2,634,695
February	2,146,578	2,057,598	2,214,174	2,367,031	2,407,068
March	2,412,259	2,256,197	2,366,740	2,426,157	2,631,809
April	2,322,884	2,063,801	2,197,379	2,398,722	2,693,353
May	2,301,167	2,081,935	2,333,443	2,671,567	2,805,394
June	2,255,338	1,972,155	2,245,537	2,578,883	2,560,060
July	2,188,055	1,987,774	2,205,844	2,615,232	2,661,145
August	2,197,725	2,075,901	2,293,032	2,500,179	2,640,084
September	2,204,291	2,168,435	2,380,652	2,399,678	2,866,647
October	2,365,052	2,333,461	2,589,956	2,487,455	3,140,317
November	2,414,676	2,375,661	2,601,536	2,524,860	
December	2,457,996	2,353,196	2,536,242	2,584,341	
Total 12 months	27,583,927	26,012,805	28,351,514	30,080,248	
" first 10 "	22,711,255	21,285,946	23,213,736	24,971,047	27,040,578

EXPORTS TO THE UNITED STATES

January	134,931	157,532	166,915	149,050	192,470
February	138,041	123,094	153,431	139,908	176,643
March	172,695	144,091	165,422	155,402	201,613
April	164,250	135,616	141,523	170,600	211,594
May	161,033	155,292	164,520	193,354	210,495
June	158,657	158,313	163,063	190,704	187,044
July	164,057	159,349	162,973	203,058	197,433
August	162,617	149,493	177,824	192,236	187,600
September	143,441	151,691	159,713	186,983	183,954
October	142,736	165,455	151,794	168,904	196,578
November	145,549	165,299	155,247	185,492	
December	159,093	161,290	150,138	199,866	
Total 12 months	1,847,100	1,826,515	1,912,623	2,135,557	
" first 10 "	1,542,458	1,499,926	1,607,238	1,750,199	1,945,424

OUTPUT LESS EXPORTS AND SECONDARY POWER

January	1,433,499	1,522,381	1,612,995	1,805,591	2,188,080
February	1,307,226	1,404,034	1,455,426	1,680,884	2,008,725
March	1,487,928	1,539,443	1,581,562	1,786,563	2,194,373
April	1,469,055	1,447,356	1,528,777	1,784,640	2,146,361
May	1,478,130	1,472,745	1,590,865	1,890,025	2,205,990
June	1,456,355	1,439,682	1,555,822	1,812,317	2,167,151
July	1,469,523	1,434,504	1,554,705	1,846,304	2,234,260
August	1,501,943	1,487,662	1,609,545	1,893,312	2,288,214
September	1,533,123	1,508,400	1,630,038	1,886,670	2,412,334
October	1,611,025	1,602,664	1,753,729	2,021,032	2,610,102
November	1,593,197	1,588,315	1,760,849	2,030,222	
December	1,593,203	1,609,049	1,770,859	2,083,949	
Total 12 months	17,934,107	18,056,235	19,405,172	22,521,509	
" first 10 "	14,747,707	14,858,871	15,873,464	18,407,336	22,455,590



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Minister of Trade and Commerce.

57-011

**DOMINION BUREAU OF STATISTICS**  
**TRANSPORTATION AND PUBLIC UTILITIES BRANCH**  
**OTTAWA**

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Dominion Statistician, R.H. COATS, LL. D., F.R.S.C., F.S.S. (Hon.)

Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

NOVEMBER, 1941.

Central electric stations produced 3,183,982,000 kw.h. in November as against 3,140,317,000 kw.h. in October and 2,524,830,000 kw.h. in November last year, and the index number adjusted for seasonal variations increased from 137.4 for October to 137.5. Both the quantity and index were new high records despite the month containing five Sundays and five Saturdays, days which normally are light consumption days. October contained only four Sundays and four Saturdays and in November last year there were only four Sundays and five Saturdays.

Exports to the United States amounted to 122,324,000 kw.h. of firm power and 77,532,000 kw.h. of secondary power, a total of 199,856,000 kw.h. as against 196,578,000 kw.h. in October and 185,492,000 kw.h. in November 1940.

Production of secondary for use in Canada increased from 333,637,000 kw.h. in October to 407,939,000 kw.h. Water conditions were such that there was a surplus for many of the large plants across the country.

Production of firm power for use in Canada (total output less exports and secondary power) amounted to 2,576,187,000 kw.h., which was less than for October but on a daily basis was an increase of 2 p.c., or from 84,197,000 to 85,873,000 kw.h.

The index number for firm power consumption reached a new high at 169.5 as against 168.8 for October.

## CENTRAL ELECTRIC

Month of

(Thousands of

				Total	Prince Edward Island	Nova Scotia	
A	<u>Production</u> - Hydraulic			3,117,533	9	23,573	
B	Thermal			66,449	837	16,236	
C (A + B)		Total		3,183,982	896	42,809	
D	<u>Receipts from other Provinces</u>			...	...	...	
E (C + D)		<u>Output plus Receipts</u>		...	896	42,809	
F	<u>Deliveries to other Provinces</u>			...	...	...	
		<u>Exports to U.S.A.</u>					
G	Firm		Power	122,324	...	...	
H	Secondary		"	77,532	...	...	
I (G + H)		Total		199,856	...	...	
J (F + I)		<u>Total Deliveries</u>		...	...	...	
K (E - J)		<u>Net consumption in Canada</u>		2,984,126	896	42,809	
		<u>Secondary Power</u>					
L	For Boilers			352,770	...	...	
M	For other uses in Canada			55,169	...	152	
N (L + M)		Total		407,939	...	152	
O (K - N)		Net consumption of Firm Power		2,576,187	896	42,657	
<u>CUMULATIVE PRODUCTION TOTALS. January - November</u>							
P	Firm Power	1940		21,727,523	3,112	386,931	
Q		1941		26,350,736	7,700	433,707	
R	Secondary Power	1940 (1)		5,768,384	...	...	
S		1941 (1)		3,873,824	...	2,568	
T (P + R)		Total	1940	27,495,907	6,112	386,931	
U (Q + S)			1941	30,224,560	7,700	436,275	
<u>DAILY AVERAGE CONSUMPTION OF FIRM POWER (OUTPUT LESS EXPORTS TO U.S.A.)</u>							
V (Average of O)		1940 (revised)		67,674	24	1,218	
W ( " " " )		1941		85,873	30	1,422	

(1) Includes Secondary Power exported to U.S.A.

## INDEX NUMBERS

(Average 1935-39 = 100)

	January	February	March	April	May	June
	<u>TOTAL OUTPUT</u>					
1939	105.7	106.4	104.1	102.9	107.4	108.2
1940	111.9	113.7	106.8	112.3	123.0	124.2
1941	116.7	115.7	115.8	126.1	129.1	123.3
	<u>OUTPUT LESS EXPORTS AND SECONDARY POWER (Revised)</u>					
1939	107.0	106.9	106.7	108.0	109.9	110.9
1940	119.7	123.4	120.5	126.1	130.6	129.2
1941	145.1	147.5	148.0	151.7	152.4	154.5

## STATION DATA

November, 1941

(Kilowatt hours)

	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
	40,166 9,675	1,760,159 485	869,325 ...	152,173 547	36,390 18,374	13,153 18,606	219,585 1,644
	49,841	1,760,644	869,325	152,715	54,764	31,759	221,229
	536	8,898	341,947	...	...	1,961	...
	50,277	1,769,547	1,211,237	152,715	54,764	33,720	221,229
	...	547,478	8,896	...	...	...	1,961
	3,061 ...	52,369 ...	66,132 77,532	112 ...	...	...	50 ...
	3,061	52,369	142,364	112	...	...	50
	3,061	395,447	152,562	112	...	...	2,011
	47,316	1,374,195	1,056,705	152,562	54,764	33,720	219,216
	3,086 ...	234,793 28,440	66,743 20,130	42,402 0,131	...	...	341 ...
	3,086	263,235	80,704	54,841	...	...	341
	44,230	1,110,860	972,401	97,782	54,764	33,720	218,877
	408,668 453,576	11,202,121 14,263,985	6,141,530 7,193,696	908,666 965,323	504,340 543,371	245,149 282,401	1,923,976 2,203,977
	13,805 27,823	3,460,986 1,773,934	1,954,916 1,676,281	335,601 390,667	...	...	3,076 2,551
	422,473 481,399	14,633,107 16,040,919	8,096,476 8,869,977	1,244,267 1,355,990	504,340 543,371	245,149 282,401	1,927,052 2,206,523
	1,366 1,474	25,679 37,069	27,651 20,413	3,087 3,117	1,692 1,826	968 1,124	6,139 7,296

## INDEX NUMBERS

(Average 1935-39 = 100)

	July	August	September	October	November	December	
			TOTAL OUTPUT				
	108.4	109.5	113.1	113.3	112.3	109.4	
	126.6	119.4	114.0	108.8	109.0	111.4	
	130.6	120.1	130.2	137.4	127.5		
			OUTPUT LESS EXPORTS AND SECONDARY POWER (Revised)				
	111.6	112.3	113.1	113.4	115.9	116.1	
	132.6	132.0	130.9	130.7	133.6	136.6	
	160.5	151.0	157.1	168.8	169.5		



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1937	1938	1939	1940	1941
January	2,317,906	2,283,691	2,386,979	2,526,143	2,634,695
February	2,146,578	2,057,598	2,214,174	2,367,031	2,407,068
March	2,412,259	2,258,197	2,366,740	2,426,157	2,631,809
April	2,322,884	2,063,801	2,197,379	2,398,722	2,693,353
May	2,301,167	2,081,935	2,333,443	2,671,567	2,805,394
June	2,255,338	1,973,155	2,245,537	2,578,883	2,560,060
July	2,188,055	1,987,774	2,205,844	2,615,232	2,661,145
August	2,197,725	2,075,901	2,293,032	2,500,179	2,640,084
September	2,204,291	2,168,435	2,380,652	2,399,678	2,866,647
October	2,365,052	2,333,461	2,589,956	2,487,455	3,140,317
November	2,414,676	2,375,661	2,601,536	2,524,860	3,183,982
December	2,457,996	2,353,196	2,536,242	2,584,341	
Total 12 months	27,583,927	26,012,805	28,351,514	30,080,248	
" first 11 "	25,125,931	23,659,609	25,815,272	27,495,907	30,224,560

EXPORTS TO THE UNITED STATES

January	134,831	157,532	166,915	149,050	192,470
February	138,041	123,094	153,491	139,908	176,643
March	172,695	144,091	165,422	155,402	201,613
April	164,250	135,616	141,523	170,600	211,594
May	161,033	155,292	164,520	193,354	210,495
June	158,657	158,313	163,063	190,704	187,044
July	164,057	159,349	162,973	203,058	197,433
August	162,617	149,493	177,824	192,236	187,600
September	143,441	151,691	159,713	186,983	183,954
October	142,736	165,455	151,794	168,904	196,578
November	145,549	165,299	155,247	185,492	199,856
December	159,093	161,290	150,138	199,866	
Total 12 months	1,847,100	1,826,515	1,912,623	2,135,557	
" first 11 "	1,688,007	1,665,225	1,762,485	1,935,691	2,145,280

OUTPUT LESS EXPORTS AND SECONDARY POWER

January	1,433,499	1,522,381	1,612,995	1,805,591	2,188,080
February	1,307,226	1,404,034	1,455,426	1,680,884	2,008,725
March	1,487,828	1,539,443	1,581,562	1,786,563	2,194,373
April	1,469,055	1,447,356	1,528,777	1,784,640	2,146,361
May	1,478,130	1,472,745	1,590,865	1,890,025	2,205,990
June	1,456,355	1,439,682	1,555,822	1,812,317	2,167,151
July	1,469,523	1,434,504	1,554,705	1,846,304	2,234,260
August	1,501,943	1,487,662	1,609,545	1,893,312	2,288,214
September	1,533,123	1,508,400	1,630,038	1,886,670	2,412,334
October	1,611,025	1,602,664	1,753,729	2,021,032	2,610,102
November	1,593,197	1,588,315	1,760,849	2,030,222	2,576,187
December	1,593,203	1,609,049	1,770,859	2,083,949	
Total 12 months	17,934,107	18,056,235	19,405,172	22,521,509	
" first 11 "	16,340,904	16,547,186	17,634,313	20,437,560	25,031,777

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Dominion Statistician, R.H. COATS, LL. D., F.R.S.C., F.S.S. (Hon.)

Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

DECEMBER, 1941

Central electric stations established a new monthly record in December by producing 3,220,800,000 kw.h., and the index number rose to a new high to 138.9 or 27.5 points above the December 1940 index. More important was the increase in firm power produced for use in Canada which rose to 2,669,339,000 kw.h. and the index number rose to 174.9 which was 5.4 points above the November index and 38.3 points or 28 p.c. above the December 1940 index.

Exports to the United States increased from 199,856,000 kw.h. in November to 214,261,000 kw.h. and secondary power produced for use in Canada declined from 407,939,000 to 337,200,000 kw.h.

The output for the year amounted to 33,445,360,000 kw.h. as against 30,080,248,000 kw.h. in 1940. This was an increase of 11.2 p.c. and the largest output to date.

Firm power produced for use in Canada increased by 23 p.c. or from 22,521,509,000 in 1940 to 27,701,116,000 kw.h.

Exports to the United States increased from 2,135,557,000 kw.h. in 1940 to 2,359,541,000 kw.h. Over 80 p.c. of this increase was secondary power exported as and when available.

Total production of secondary power during the year dropped from 6,150,625,000 kw.h. in 1940 to 4,300,304,000 kw.h., over 90 p.c. of the decrease being in the Quebec plants.

26/1/42.

Price per year 50 cents.

## CENTRAL ELECTRIC

Month of

(Thousands of

				Total	Prince Edward Island	Nova Scotia	
A	<u>Production</u> - Hydraulic			3,147,922	21	27,503	
B	Thermal			72,878	945	16,075	
C (A + B)	Total			3,220,800	966	43,578	
D	<u>Receipts from other Provinces</u>			...	...	...	
E (C + D)	<u>Output plus Receipts</u>			...	966	43,578	
F	<u>Deliveries to other Provinces</u>			...	...	...	
	<u>Exports to U.S.A.</u>						
G	Firm	Power		124,981	...	...	
H	Secondary	"		89,280	...	...	
I (G + H)	Total			214,261	...	...	
J (F + I)	<u>Total Deliveries</u>			...	...	...	
K (E - J)	<u>Net consumption in Canada</u>			3,006,539	966	43,578	
	<u>Secondary Power</u>						
L	For Boilers			279,204	...	...	
M	For other uses in Canada			57,996	...	...	
N (L + M)	Total			337,200	...	...	
O (K - N)	Net consumption of Firm Power			2,669,339	966	43,578	
<u>CUMULATIVE PRODUCTION TOTALS. January - December</u>							
P	Firm Power	1940		23,929,623	6,835	426,068	
Q		1941		29,145,056	8,666	477,285	
R	Secondary Power	1940 (1)		6,150,625	...	...	
S		1941 (1)		4,300,304	...	2,568	
T (P + R)	Total	1940		30,080,248	6,835	426,068	
U (Q + S)		1941		33,445,360	8,666	479,853	
<u>DAILY AVERAGE CONSUMPTION OF FIRM POWER (OUTPUT LESS EXPORTS TO U.S.A.)</u>							
V (Average of O)	December	1940 (revised)		67,224	23	1,262	
W ( " " " )	"	1941		86,107	31	1,406	

(1) Includes Secondary Power exported to U.S.A.

INDEX NUMBERS

(Average 1935-39 = 100)

	January	February	March	April	May	June
	<u>TOTAL OUTPUT</u>					
1939	105.7	106.4	104.1	102.9	107.4	108.2
1940	111.9	113.7	106.8	112.3	123.0	124.2
1941	116.7	115.7	115.8	126.1	129.1	123.3
	<u>OUTPUT LESS EXPORTS AND SECONDARY POWER</u>					
1939	107.0	106.9	106.7	108.0	109.9	110.9
1940	119.7	123.4	120.5	126.1	130.6	129.2
1941	145.1	147.5	148.0	151.7	152.4	154.5



## STATION DATA

December, 1941

Kilowatt hours)

	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
	42,678 10,758	1,735,885 486	910,387 ...	159,090 307	38,672 19,459	11,454 22,512	222,232 2,336
	55,436	1,736,371	910,387	159,397	58,131	33,966	224,568
	599	7,918	351,159	...	...	2,181	...
	54,035	1,744,289	1,261,546	159,397	58,131	36,149	224,568
	...	351,758	7,918	...	...	...	2,185
	3,233 ...	55,125 ...	66,463 89,280	109 ...	... ...	... ...	51 ...
	3,233	55,125	155,743	109	...	...	51
	3,233	406,883	163,661	109	...	...	2,234
	50,802	1,337,406	1,097,885	159,288	58,131	36,149	222,384
	3,874 ...	142,732 30,494	71,503 21,481	60,762 6,021	... ...	... ...	333 ...
	3,874	173,226	92,984	66,783	...	...	333
	46,928	1,164,180	1,004,901	92,505	58,131	36,149	222,001
	452,031 503,138	12,347,004 15,830,130	6,758,347 7,921,819	997,200 1,057,937	555,561 601,502	272,065 316,367	2,114,512 2,428,212
	18,220 31,697	3,641,447 1,947,160	2,118,665 1,858,545	368,932 457,450	... ...	... ...	3,561 2,884
	470,251 534,835	15,988,451 17,777,290	8,877,012 9,780,304	1,366,132 1,515,337	555,561 601,502	272,065 316,367	2,117,873 2,431,096
	1,328 1,514	26,086 37,554	27,007 32,416	2,853 2,984	1,652 1,875	927 1,166	6,086 7,161

## INDEX NUMBERS

(Average 1935-39 = 100)

	July	August	September	October	November	December	
	TOTAL OUTPUT						
	108.4	109.5	113.1	113.3	112.3	109.4	
	128.6	119.4	114.0	108.8	109.0	111.4	
	130.8	126.1	136.2	137.4	137.5	138.9	
	OUTPUT LESS EXPORTS AND SECONDARY POWER						
	111.6	112.3	113.1	113.4	115.9	116.1	
	132.5	132.0	130.9	130.7	133.6	136.6	
	160.3	159.6	167.4	168.8	169.5	174.9	

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1937	1938	1939	1940	1941
January	2,317,906	2,283,691	2,386,979	2,526,143	2,634,695
February	2,146,578	2,057,598	2,214,174	2,367,031	2,407,068
March	2,412,259	2,258,197	2,366,740	2,426,157	2,631,809
April	2,322,884	2,063,801	2,197,379	2,398,722	2,693,353
May	2,301,167	2,081,935	2,333,443	2,671,567	2,805,394
June	2,255,338	1,973,155	2,245,537	2,578,883	2,560,060
July	2,188,055	1,987,774	2,205,844	2,615,232	2,661,145
August	2,197,725	2,075,901	2,293,032	2,500,179	2,640,084
September	2,204,291	2,168,435	2,380,652	2,399,678	2,866,647
October	2,365,052	2,333,461	2,589,956	2,487,455	3,140,317
November	2,414,676	2,375,661	2,601,536	2,524,860	3,183,982
December	2,457,996	2,353,196	2,536,242	2,584,341	3,220,800
Total 12 months	27,583,927	26,012,805	28,351,514	30,080,248	33,445,360

EXPORTS TO THE UNITED STATES

January	134,981	157,532	166,915	149,050	192,470
February	138,041	123,094	153,491	139,908	176,643
March	172,695	144,091	165,422	155,402	201,613
April	164,250	135,616	141,523	170,800	211,594
May	161,033	155,292	164,520	193,354	210,495
June	158,657	158,313	163,063	190,704	187,044
July	164,057	159,349	162,973	203,058	197,433
August	162,617	149,493	177,824	192,236	187,600
September	143,441	151,691	159,713	186,983	183,954
October	142,736	165,455	151,794	168,904	196,578
November	145,549	165,299	155,247	185,492	199,856
December	159,093	161,290	150,138	199,866	214,261
Total 12 months	1,847,100	1,826,515	1,912,623	2,135,557	2,359,541

OUTPUT LESS EXPORTS AND SECONDARY POWER

January	1,433,499	1,522,381	1,612,995	1,805,591	2,188,080
February	1,307,226	1,404,034	1,455,426	1,680,884	2,008,725
March	1,487,828	1,539,443	1,581,562	1,786,563	2,194,373
April	1,469,055	1,447,356	1,528,777	1,784,640	2,146,361
May	1,478,130	1,472,745	1,590,865	1,890,025	2,205,990
June	1,456,355	1,439,682	1,555,822	1,812,317	2,167,151
July	1,469,523	1,434,504	1,554,705	1,846,304	2,234,260
August	1,501,943	1,487,662	1,609,545	1,893,312	2,288,214
September	1,533,123	1,508,400	1,630,038	1,886,670	2,412,334
October	1,611,025	1,602,664	1,753,729	2,021,032	2,610,102
November	1,593,197	1,588,315	1,760,849	2,030,222	2,576,187
December	1,593,203	1,609,049	1,770,859	2,083,949	2,669,339
Total 12 months	17,934,107	18,056,235	19,405,172	22,521,509	27,701,116

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Minister of Trade and Commerce.

57-001

**DOMINION BUREAU OF STATISTICS**  
**TRANSPORTATION AND PUBLIC UTILITIES BRANCH**  
**OTTAWA**

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Acting Dominion Statistician, S. A. CUDMORE, M.A. (Oxon.), F.S.S., F.R.S.C.

Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

JANUARY, 1942.

The output of central electric stations continued to increase and reached a new peak at 3,226,289,000 kw.h. in January as against 3,220,800,000 kw.h. in December and 2,634,695,000 kw.h. in January 1941. The index number adjusted for seasonal variations rose from 138.9 for December, the previous peak, to 142.9.

Exports to the United States amounted to 206,530,000 kw.h. as against 214,261,000 kw.h. in December and 192,470,000 kw.h. in January 1941, the increase over last year's exports being mostly in secondary power which increased from 73,812,000 kw.h. in 1941 to 84,576,000 kw.h.

Secondary power produced for use in Canada dropped from 337,200,000 kw.h. in December to 295,137,000 kw.h. Consumption of firm power, i.e., output less exports and secondary power, also reached a new high record at 2,724,622,000 kw.h. compared with 2,669,339,000 kw.h. in December and 2,188,080,000 in January last year, an increase of 12.4 p.c., over January 1941, and the index rose to 180.7 as against 174.9 for December. These three months each contained one holiday and four Sundays, and consequently the comparison of outputs are not seriously affected by the calendar.

Consumption of firm power showed increases over those of January 1941 in each province, but comparisons with December 1941 data show decreases in Prince Edward Island, New Brunswick, Ontario, Saskatchewan and British Columbia, and increases in the other provinces, particularly in Quebec where the increase was 75,374,000 kw.h. or 6.5 p.c., and compared with January 1941 consumption it was up by 39.4 p.c.



## CENTRAL ELECTRIC

Month of

(Thousands of

				Total	Prince Edward Island	Nova Scotia
A	<u>Production</u> - Hydraulic			3,151,183	24	29,786
B	Thermal			75,106	937	15,692
C (A + B)	Total			3,226,289	961	45,478
D	<u>Receipts from other Provinces</u>				...	...
E (C + D)	<u>Output plus Receipts</u>				961	45,478
F	<u>Deliveries to other Provinces</u>				...	...
	<u>Exports to U.S.A.</u>					
G	Firm	Power		121,954	...	...
H	Secondary	"		84,576	...	...
I (G + H)	Total			206,530	...	...
J (F + I)	<u>Total Deliveries</u>			206,530	...	...
K (E - J)	<u>Net consumption in Canada</u>			3,019,759	961	45,478
	<u>Secondary Power</u>					
L	For Boilers			241,597	...	...
M	For other uses in Canada			53,540	...	...
N (L + M)	Total			295,137	...	...
O (K - N)	Net consumption of Firm Power			2,724,622	961	45,478
<u>CUMULATIVE PRODUCTION TOTALS. January -</u>						
P	Firm Power	1941		2,306,733	752	40,241
Q		1942		2,846,576	961	45,478
R	Secondary Power	1941 (1)		327,962	...	....
S		1942 (1)		379,713	...	...
T (P + R)	Total	1941		2,634,695	752	40,241
U (Q + S)		1942		3,226,289	961	45,478
<u>DAILY AVERAGE CONSUMPTION OF FIRM POWER (OUTPUT LESS EXPORTS TO U.S.A.)</u>						
V (Average of O)	January	1941		70,583	24	1,298
W ( " " " )	"	1942		87,891	31	1,467

(1) Includes Secondary Power exported to U.S.A.

## INDEX NUMBERS

(Average 1935-39 = 100)

	January	February	March	April	May	June
	TOTAL OUTPUT					
1939	105.7	106.4	104.1	102.9	107.4	108.2
1940	111.9	113.7	106.8	112.3	123.0	124.2
1941	116.7	115.7	115.8	126.1	129.1	123.3
1942	142.9					
	OUTPUT LESS EXPORTS AND SECONDARY POWER			(Revised)		
1939	107.0	106.9	106.7	108.0	109.9	110.9
1940	119.7	123.4	120.5	126.1	130.6	129.2
1941	145.1	147.5	148.0	151.7	152.4	154.5
1942	180.7					

## STATION DATA

JANUARY, 1942

Kilowatt hours)

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
38,814 9,862	1,745,602 472	909,119 ...	160,585 206	37,467 19,036	9,636 23,767	220,150 5,134
48,676	1,746,074	909,119	160,791	56,503	33,403	225,284
625	7,873	320,900	...	...	5,076	...
49,301	1,753,947	1,230,019	160,791	56,503	38,479	225,284
...	321,525	7,873	...	...	...	5,076
2,766 ...	55,319 ...	63,712 84,576	108 ...	... ...	... ...	49 ...
2,766	55,319	148,288	108	...	...	49
2,766	376,844	156,161	108	...	...	5,125
46,535	1,377,103	1,073,858	160,683	56,503	38,479	220,159
2,237 ...	105,615 31,934	74,125 21,571	59,293 35	... ...	... ...	327 ...
2,237	137,549	95,696	59,328	...	...	327
44,298	1,239,554	978,162	101,355	56,503	38,479	219,832
41,545 46,439	1,209,521 1,608,525	667,961 728,847	87,588 101,463	50,202 56,503	26,911 33,403	182,012 224,957
3,926 2,237	141,349 137,549	147,090 180,272	35,327 59,328	... ...	... ...	270 327
45,471 48,676	1,350,870 1,746,074	815,051 909,119	122,915 160,791	50,202 56,503	26,911 33,403	182,282 225,284
1,268 1,429	28,690 39,986	28,124 31,554	2,322 3,269	1,619 1,823	932 1,241	5,806 7,091

## INDEX NUMBERS

(Average 1935-39 = 100)

July	August	September	October	November	December
TOTAL OUTPUT					
108.4 128.6 130.8	109.5 119.4 126.1	113.1 114.0 136.2	113.3 108.8 137.4	112.3 109.0 137.5	109.4 111.4 138.9
OUTPUT LESS EXPORTS AND SECONDARY POWER (Revised)					
111.6 132.5 160.2	112.3 132.0 159.6	113.1 130.9 167.4	113.4 130.7 158.2	115.9 136.6 169.5	116.1 135.8 174.9

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1938	1939	1940	1941	1942
January	2,283,691	2,386,979	2,526,143	2,634,701	3,226,289
February	2,057,598	2,214,174	2,367,031	2,407,068	
March	2,258,197	2,366,740	2,426,157	2,631,809	
April	2,063,801	2,197,379	2,398,722	2,693,353	
May	2,081,935	2,333,443	<u>2,671,567</u>	2,805,394	
June	1,973,155	2,245,537	2,578,883	2,560,060	
July	1,987,774	2,205,844	2,615,232	2,661,145	
August	2,075,901	2,293,032	2,500,179	2,640,084	
September	2,168,435	2,380,652	2,399,678	2,866,647	
October	2,333,461	2,589,956	2,487,455	3,140,317	
November	<u>2,375,661</u>	<u>2,601,536</u>	2,524,860	3,183,982	
December	2,353,196	2,536,242	2,584,341	<u>3,220,800</u>	
Total 12 months	26,012,805	28,351,514	30,090,248	33,445,360	

EXPORTS TO THE UNITED STATES

January	157,532	166,915	149,050	192,470	206,530
February	123,094	153,491	139,908	176,643	
March	144,091	165,422	155,402	201,613	
April	135,616	141,523	170,600	211,594	
May	155,292	164,520	193,354	210,495	
June	158,313	163,063	190,704	187,044	
July	159,349	162,973	<u>203,058</u>	197,433	
August	149,493	<u>177,824</u>	192,236	187,600	
September	151,691	159,713	186,983	183,954	
October	<u>165,455</u>	151,794	168,904	196,578	
November	165,299	155,247	185,432	199,856	
December	161,290	150,138	199,866	<u>214,261</u>	
Total 12 months	1,826,515	1,912,623	2,135,557	2,359,541	

OUTPUT LESS EXPORTS AND SECONDARY POWER

January	1,522,381	1,612,995	1,805,591	2,188,080	2,724,622
February	1,404,034	1,455,426	1,680,884	2,008,725	
March	1,539,443	1,581,562	1,786,563	2,194,373	
April	1,447,356	1,528,777	1,784,640	2,146,361	
May	1,472,745	1,590,865	1,890,025	2,205,990	
June	1,439,682	1,555,822	1,812,317	2,167,151	
July	1,434,504	1,554,705	1,846,304	2,234,260	
August	1,487,662	1,609,545	1,893,312	2,288,214	
September	1,508,400	1,630,038	1,886,670	2,412,334	
October	1,602,664	1,753,729	2,021,032	2,610,102	
November	1,588,315	1,760,849	2,030,222	2,576,187	
December	<u>1,609,049</u>	<u>1,770,859</u>	<u>2,083,949</u>	<u>2,669,339</u>	
Total 12 months	18,056,235	19,405,172	22,521,509	27,701,116	



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Acting Dominion Statistician, S. A. CUDMORE, M.A. (Oxon.), F.S.S., F.R.S.C.

Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA  
FEBRUARY, 1942.

Central electric stations produced 2,842,463,000 kw.h. during February, the highest on record for the month. On a daily basis it was below only the outputs in January, December and November, due almost entirely to a reduction in secondary power. The index number dropped to 136.6 as compared with 142.9 for January and 115.7 for February 1941.

Firm power produced for use in Canada reached a daily average of 87,789,000 kw.h., which has been exceeded by only 87,891,000 kw.h. produced in January, and was 24 p.c. above the February 1941 production.

Exports to the United States amounted to 176,136,000 kw.h. as compared with 176,643,000 kw.h. in February last year.

Secondary power amounted to 208,220,000 kw.h. for Canadian use and 69,237,000 kw.h. for export, a total of 277,457,000 kw.h. as against 287,313,000 kw.h. in February 1941. Secondary power for January has been revised by a reduction of 31,933,000 kw.h.

## CENTRAL ELECTRIC

Month of

(Thousands of

					Total	Prince Edward Island	Nova Scotia
A	<u>Production</u> - Hydraulic				2,777,082	22	26,597
B	Thermal				65,381	878	15,237
C (A + B)	Total				2,842,463	900	41,834
D	<u>Receipts from other Provinces</u>					-	-
E (C + D)	<u>Output plus Receipts</u>					900	41,834
F	<u>Deliveries to other Provinces</u>					-	-
	<u>Exports to U.S.A.</u>						
G	Firm		Power		106,899	-	-
H	Secondary		"		69,237	-	-
I (G + H)	Total				176,136	-	-
J (F + I)	<u>Total Deliveries</u>				176,136	-	-
K (E - J)	<u>Net consumption in Canada</u>				2,666,327	900	41,834
	<u>Secondary Power</u>						
L	for Boilers				188,434	-	-
M	for other uses in Canada				19,786	-	-
N (L + M)	Total				208,220	-	-
O (K - N)	Net consumption of Firm Power				2,458,107	900	41,834
<u>CUMULATIVE PRODUCTION TOTALS. January - February</u>							
P	Firm Power		1941	X	4,426,488	1,507	76,781
Q			1942		5,443,515	1,861	87,312
R	Secondary Power		1941 (1)	X	615,275	-	-
S			1942 (1)		625,237	-	-
T (P + R)	Total		1941		5,041,763	1,507	76,781
U (Q + S)			1942		6,068,752	1,861	87,312
<u>DAILY AVERAGE CONSUMPTION OF FIRM POWER (OUTPUT LESS EXPORTS TO U.S.A.)</u>							
V (Average of O)	February		1941		70,786	22	1,245
W ( " " )	"		1942		87,789	32	1,494

(1) Includes Secondary Power exported to U.S.A.

1 Revised

## INDEX NUMBERS

(Average 1935-39 = 100)

	January	February	March	April	May	June
	<u>TOTAL OUTPUT</u>					
1939	105.7	106.4	104.1	102.9	107.4	108.2
1940	111.9	113.7	106.8	112.3	123.0	124.2
1941	116.7	115.7	115.8	126.1	129.1	123.3
1942	142.9	136.6				
	<u>OUTPUT LESS EXPORTS AND SECONDARY POWER (Revised)</u>					
1939	107.0	106.9	106.7	108.0	109.9	110.9
1940	119.7	123.4	120.5	126.1	130.6	129.2
1941	145.1	147.5	148.0	151.7	152.4	154.5
1942	180.7	180.5				

## STATION DATA

FEBRUARY, 1942.

Kilowatt hours)

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
25,928 8,053	1,527,737 413	809,556 -	142,887 175	33,871 16,556	10,881 19,013	199,603 5,056
33,981	1,528,150	809,556	143,062	50,427	29,894	204,659
594	7,132	329,383	-	-	4,276	-
34,575	1,535,282	1,138,939	143,062	50,427	34,170	204,659
-	329,977	7,132	-	-	-	4,276
2,325	49,668	54,778 69,237	88 -	- -	- -	40 40
2,325	49,668	124,015	88	-	-	40
2,325	379,645	131,147	88	-	-	4,316
32,250	1,155,637	1,007,792	142,978	50,427	34,170	200,343
-	63,677	70,016 19,786	54,385 -	- -	- -	356 -
-	63,677	89,802	54,385	-	-	356
32,250	1,091,960	917,990	88,589	50,427	34,170	199,987
73,635 80,420	2,325,090 3,104,931	1,285,462 1,379,864	165,435 190,140	95,571 106,930	50,000 63,297	353,007 429,260
4,185 2,237	270,825 169,293	278,050 339,311	61,689 113,713	- -	- -	526 683
77,820 82,657	2,595,915 3,274,224	1,563,512 1,718,675	227,124 303,853	95,571 106,930	50,000 63,297	353,533 429,943
908 1,152	29,986 38,999	27,226 32,785	2,872 3,164	1,575 1,801	823 1,220	6,129 7,142

## INDEX NUMBERS

(Average 1935-39 = 100)

July	August	September	October	November	December
TOTAL OUTPUT					
108.4	109.5	113.1	113.3	112.3	109.4
128.8	119.4	114.0	108.8	109.0	111.4
130.8	126.1	136.2	137.4	137.5	138.9
OUTPUT LESS EXPORTS AND SECONDARY POWER (Revised)					
111.6	112.3	113.1	113.4	115.9	116.1
132.5	132.0	130.9	130.7	132.6	136.6
160.3	159.6	167.4	168.8	169.5	174.9



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1938	1939	1940	1941	1942
January	2,283,691	2,386,979	2,526,143	2,634,701	3,226,289
February	2,057,598	2,214,174	2,337,031	2,407,068	2,842,463
March	2,258,197	2,333,740	2,423,157	2,631,809	
April	2,065,801	2,197,379	2,398,722	2,693,353	
May	2,081,035	2,333,413	2,671,537	2,805,394	
June	1,975,155	2,245,537	2,578,393	2,560,060	
July	1,987,774	2,205,844	2,615,232	2,661,145	
August	2,075,901	2,293,032	2,509,179	2,640,084	
September	2,163,455	2,330,652	2,399,678	2,336,647	
October	2,333,461	2,589,956	2,487,455	3,140,317	
November	2,375,661	2,601,536	2,524,360	3,183,982	
December	2,353,196	2,536,242	2,584,341	3,220,800	
Total 12 months	26,012,805	28,351,514	30,080,248	33,445,360	
First 2 "	4,341,289	4,601,153	4,893,174	5,041,769	6,068,752

EXPORTS TO THE UNITED STATES

January	157,532	166,915	149,050	192,470	206,530
February	123,094	153,491	139,908	176,643	176,136
March	144,091	165,422	155,402	201,613	
April	135,616	141,523	170,600	211,594	
May	155,292	164,520	193,354	210,495	
June	158,313	163,063	190,704	187,044	
July	159,343	162,973	203,058	197,433	
August	149,433	177,324	192,236	187,600	
September	151,691	159,712	183,983	183,954	
October	165,455	151,794	168,904	196,578	
November	165,299	155,247	185,432	199,856	
December	161,290	150,138	199,866	214,251	
Total 12 months	1,826,515	1,912,623	2,135,557	2,359,541	
First 2 "	280,626	320,406	268,958	369,113	382,666

OUTPUT LESS EXPORTS AND SECONDARY POWER

January	1,522,381	1,612,995	1,805,591	2,188,080	2,724,622
February	1,404,034	1,455,426	1,680,884	2,008,725	2,458,107
March	1,533,443	1,581,562	1,786,563	2,194,373	
April	1,447,356	1,523,777	1,734,610	2,146,361	
May	1,472,745	1,590,865	1,890,025	2,205,990	
June	1,439,682	1,555,822	1,812,317	2,167,151	
July	1,434,504	1,554,705	1,846,304	2,234,260	
August	1,487,362	1,609,545	1,893,312	2,238,214	
September	1,508,400	1,630,038	1,886,370	2,412,334	
October	1,602,664	1,753,723	2,021,032	2,610,102	
November	1,588,315	1,760,849	2,030,222	2,576,137	
December	1,609,049	1,770,859	2,083,949	2,669,339	
Total 12 months	18,056,235	19,405,172	22,521,509	27,701,116	
First 2 "	2,926,415	3,068,421	3,486,475	4,196,805	5,182,729

Published by Authority of the Hon. James A. MACKINNON, M.P.,  
Minister of Trade and Commerce.

**DOMINION BUREAU OF STATISTICS**  
**TRANSPORTATION AND PUBLIC UTILITIES BRANCH**  
**OTTAWA**

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Acting Dominion Statistician, S. A. CUDMORE, M.A. (Oxon.), F.S.S., F.R.S.C.

Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

MARCH, 1942.

The daily average production of firm power for use in Canada reached a new high in March at 88,414,000 kw. hrs., as against a daily average of 87,789,000 kw. hrs. in February, and the index rose from 182.1 to 184.9.

Total production of both firm and secondary power amounted to 3,220,953,000 kw. hrs. as compared with 2,631,809,000 kw. hrs. in March last year, and the peak of 3,226,289,000 kw. hrs. in January this year.

Exports to the United States increased to 216,110,000 kw. hrs., the highest monthly export on record. An important factor in this heavy export was the export of 94,294,000 kw. hrs. of secondary or off peak power. Increased diversion of water at the Niagara plants for power purposes also made this export possible. Off peak power produced for use in Canada amounted to 264,013,000 kw. hrs. as compared with 235,823,000 kw. hrs. in March 1941.

E R R A T A

March 1941 data were shown in error in the February 1942 report as the daily average consumption of firm power (item V) for February 1941. The correct data will be found in the February 1941 report.

28/4/42.

Price per year 50 cents.

## CENTRAL ELECTRIC

Month of

(Thousands of

			Total	Prince Edward Island	Nova Scotia
A	<u>Production</u> - Hydraulic		3,152,382	20	27,325
B	Thermal		68,571	736	15,451
C (A + B)	Total		3,220,953	756	42,776
D	<u>Receipts from other Provinces</u>			...	...
E (C + D)	<u>Output plus Receipts</u>			756	42,776
F	<u>Deliveries to other Provinces</u>			...	...
	<u>Exports to U.S.A.</u>				
G	Firm Power		121,816	...	...
H	Secondary "		94,294	...	...
I (G + H)	Total		216,110	...	...
J (F + I)	<u>Total Deliveries</u>			...	...
K (E - J)	<u>Net consumption in Canada</u>		3,004,843	756	42,776
	<u>Secondary Power</u>				
L	For Boilers		240,388	...	...
M	For other uses in Canada		23,625	...	220
N (L + M)	Total		264,013	...	220
O (K - N)	<u>Net consumption of Firm Power</u>		2,740,830	756	42,556
<u>CUMULATIVE PRODUCTION TOTALS. January - March</u>					
P	Firm Power	1941	6,742,151	2,172	115,363
Q		1942	8,328,136	2,617	129,868
R	Secondary Power	1941 (1)	931,421	...	...
S		1942 (1)	983,544	...	220
T (P + R)	Total	1941	7,673,572	2,172	115,363
U (Q + S)		1942	9,311,680	2,617	130,088
<u>DAILY AVERAGE CONSUMPTION OF FIRM POWER (OUTPUT LESS EXPORTS)</u>					
V (Average of O)	March	1941	70,786	22	1,245
W ( " " " )	"	1942	88,414	24	1,373

(1) Includes Secondary Power exported to U.S.A.

INDEX NUMBERS

(Average 1935-39 = 100)

	January	February	March	April	May	June
	<u>TOTAL OUTPUT</u>					
1939	105.7	106.4	104.1	102.9	107.4	108.2
1940	111.9	113.7	106.8	112.3	123.0	124.2
1941	116.7	115.7	115.8	126.1	129.1	123.3
1942	142.9	x 137.6	141.7			
	<u>OUTPUT LESS EXPORTS AND SECONDARY POWER</u>					
1939	107.0	106.9	106.7	108.0	109.9	110.9
1940	119.7	123.4	120.5	126.1	130.6	129.2
1941	145.1	147.5	148.0	151.7	152.4	154.5
1942	x 182.8	x 182.1	184.9			

x Revised.



## STATION DATA

MARCH, 1942

Kilowatt hours)

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
34,542 8,055	1,765,553 448	900,178 ...	147,481 141	37,232 17,022	9,482 21,490	214,589 1,235
42,597	1,766,001	906,178	147,622	54,244	30,972	229,807
583	8,013	362,960	...	...	4,322	...
43,180	1,774,014	1,269,136	147,622	54,244	35,794	229,807
32	363,543	7,981	...	...	...	4,822
2,523 ...	55,482 ...	63,694 94,294	76 ...	... ...	... ...	41 ...
2,523	55,482	157,988	76	...	...	41
2,555	419,025	165,969	76	...	...	4,863
40,625	1,354,989	1,103,169	147,546	54,244	35,794	224,944
1,195 ...	113,150 ...	73,306 23,405	52,378 ...	... ...	... ...	359 ...
1,195	113,150	96,711	52,378	...	...	359
39,430	1,241,839	1,006,458	95,168	54,244	35,794	224,585
103,970 121,822	3,577,323 4,779,757	1,925,798 2,094,537	254,567 285,384	144,395 161,174	73,528 94,269	545,035 658,708
4,185 3,432	392,859 282,443	443,764 530,316	89,793 166,091	... ...	... ...	820 1,042
108,155 125,254	3,970,182 5,062,200	2,369,562 2,624,853	344,360 451,475	144,395 161,174	73,528 94,269	545,855 659,750
908 1,272	29,986 40,059	27,226 32,466	2,872 3,070	1,575 1,750	823 1,155	6,129 7,245

## INDEX NUMBERS

(Average 1935-39 = 100)

July	August	September	October	November	December
TOTAL OUTPUT					
108.4 128.6 130.8	109.5 119.4 126.1	113.1 114.0 136.2	113.3 108.8 137.4	112.3 109.0 107.5	109.4 111.4 138.9
OUTPUT LESS EXPORTS AND SECONDARY POWER					
111.6 132.5 160.3	112.3 132.0 159.6	113.1 130.9 167.4	113.4 130.7 168.8	115.9 133.6 169.5	116.1 136.6 174.9

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1938	1939	1940	1941	1942
January	2,283,691	2,386,979	2,526,143	2,634,701	3,226,289
February	2,057,598	2,214,174	2,337,031	2,407,068	x2,864,438
March	2,258,197	2,366,740	2,426,157	2,631,809	3,220,953
April	2,063,891	2,197,379	2,398,722	2,693,353	
May	2,081,935	2,333,443	2,571,537	2,805,394	
June	1,973,155	2,245,537	2,578,393	2,560,060	
July	1,987,774	2,205,844	2,615,232	2,661,145	
August	2,075,991	2,293,032	2,599,179	2,649,084	
September	2,168,435	2,380,652	2,599,678	2,838,647	
October	2,333,461	2,589,956	2,487,455	3,140,317	
November	2,375,831	2,631,536	2,584,860	3,183,982	
December	2,353,198	2,536,242	2,584,341	3,220,800	
Total 12 months	26,012,805	28,351,514	30,080,248	33,445,360	
First 3 "	6,599,486	6,967,293	7,319,331	7,673,578	9,311,680

EXPORTS TO THE UNITED STATES

January	157,532	166,915	149,050	192,470	206,530
February	123,034	153,491	139,908	176,643	176,136
March	144,091	165,422	155,402	201,613	216,110
April	135,616	141,523	170,690	211,594	
May	155,292	164,520	193,354	210,495	
June	158,313	163,063	190,704	187,044	
July	159,349	162,973	203,058	197,433	
August	149,433	177,824	192,236	187,600	
September	151,691	159,713	186,983	183,954	
October	165,455	151,794	168,904	196,578	
November	165,299	155,247	185,492	199,856	
December	161,230	150,138	199,866	214,261	
Total 12 months	1,826,515	1,912,623	2,135,557	2,359,541	
First 3 "	424,717	485,828	444,360	570,726	598,776

OUTPUT LESS EXPORTS AND SECONDARY POWER

January	1,522,381	1,612,995	1,805,591	2,186,060	x2,756,555
February	1,404,034	1,455,426	1,680,884	2,008,725	x2,430,082
March	1,539,443	1,581,562	1,786,563	2,194,373	2,740,830
April	1,447,356	1,528,777	1,794,640	2,143,361	
May	1,472,745	1,590,865	1,890,025	2,205,990	
June	1,439,682	1,555,822	1,812,317	2,167,151	
July	1,434,504	1,554,705	1,846,304	2,234,260	
August	1,437,662	1,609,545	1,893,312	2,238,214	
September	1,508,400	1,630,038	1,886,670	2,412,534	
October	1,602,664	1,753,729	2,021,032	2,610,102	
November	1,588,315	1,760,949	2,030,222	2,576,187	
December	1,609,049	1,770,859	2,083,949	2,669,339	
Total 12 months	18,056,235	19,405,172	22,521,509	27,701,116	
First 3 "	4,465,858	4,649,983	5,273,038	6,391,178	7,977,467

x Revised.

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Minister of Trade and Commerce.

57-C-21

**DOMINION BUREAU OF STATISTICS**  
**TRANSPORTATION AND PUBLIC UTILITIES BRANCH**  
**OTTAWA**

---

Acting Dominion Statistician, S. A. CUDMORE, M.A. (Oxon.), F.S.S., F.R.S.C.

Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

APRIL, 1942

Central electric stations produced 3,082,740,000 kw. hrs. in April as compared with 2,693,353,000 in April last year and 3,220,953,000 kw. hrs. in March. The index number adjusted for the unequal number of days in the months and other seasonal factors, reached a new high point at 144.3 as against 141.7 for March and the previous record of 142.9 for January.

Exports to the United States increased to 216,355,000 kw. hrs., the heaviest export in any month to date. The increase over March exports was all in secondary or off peak power which rose from 94,294,000 to 100,085,000 kw. hrs.

Secondary power used in Canada declined from 335,398,000 kw. hrs. in April last year and 264,013,000 kw. hrs. in March to 238,672,000 kw. hrs.

Firm power consumption in Canada (including line losses) increased from 2,146,361,000 kw. hrs. in April last year to 2,627,713,000 kw. hrs., and the index number reached a new high at 185.7 as compared with the previous record of 184.9 for March.



## CENTRAL ELECTRIC

Month of

(Thousands of

				Total	Prince Edward Island	Nova Scotia		
A	<u>Production</u> - Hydraulic			3,023,161	22	27,310		
B	Thermal			59,579	773	14,818		
C (A + B)	Total			3,082,740	795	42,128		
D	<u>Receipts from other Provinces</u>				-	-		
E (C + D)	<u>Output plus Receipts</u>				795	42,128		
F	<u>Deliveries to other Provinces</u>				-	-		
	<u>Exports to U.S.A.</u>							
G	Firm Power			116,270	-	-		
H	Secondary "			100,085	-	-		
I (G + H)	Total			216,355	-	-		
J (F + I)	<u>Total Deliveries</u>				-	-		
K (E - J)	<u>Net consumption in Canada</u>			2,866,385	795	42,128		
	<u>Secondary Power</u>							
L	For Boilers			215,862	-	-		
M	For other uses in Canada			22,810	-	227		
N (L + M)	Total			238,672	-	227		
O (K - N)	Net consumption of Firm Power			2,627,713	795	41,901		
CUMULATIVE PRODUCTION TOTALS. January - April								
P	Firm Power 1941			9,006,114	2,885	156,070		
Q	1942			11,072,119	3,412	171,769		
R	Secondary Power 1941			1,360,817	-	-		
S	1942			1,322,301	-	447		
T (P + R)	Total 1941			10,366,931	2,885	156,070		
U (Q + S)	1942			12,394,420	3,412	172,216		
DAILY AVERAGE CONSUMPTION OF FIRM POWER (OUTPUT LESS EXPORTS AND SECONDARY POWER)								
V (Average of O)	April	1941		71,545	24	1,357		
W ( " " " )	"	1942		87,590	26	1,397		

(1) Includes Secondary Power exported to U.S.A.

INDEX NUMBERS

(Average 1935-39 = 100)

	January	February	March	April	May	June
	<u>TOTAL OUTPUT</u>					
1939	105.7	106.4	104.1	102.9	107.4	108.2
1940	111.9	113.7	106.8	112.3	123.0	124.2
1941	116.7	115.7	115.8	126.1	129.1	123.3
1942	142.9	137.6	141.7	144.3		
	<u>OUTPUT LESS EXPORTS AND SECONDARY POWER</u>					
1939	107.0	106.9	106.7	108.0	109.9	110.9
1940	119.7	123.4	120.5	126.1	130.6	129.2
1941	145.1	147.5	148.0	151.7	152.4	154.5
1942	182.8	182.1	184.9	185.7		

## STATION DATA

APRIL, 1942

Kilowatt hours)

	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
	38,944 6,825	1,715,049 412	850,220 —	134,577 127	34,615 16,123	10,974 18,192	211,450 2,209
	45,869	1,715,461	850,220	134,704	50,738	29,166	213,659
	542	7,390	348,084	—	—	5,270	—
	46,411	1,722,851	1,198,304	134,704	50,738	34,436	213,659
	—	348,626	7,390	—	—	—	5,270
	2,254 —	53,483 —	60,419 100,085	80 —	— —	— —	34 —
	2,254	53,483	160,504	80	—	—	34
	2,254	402,109	167,694	80	—	—	5,304
	44,157	1,320,742	1,030,410	134,624	50,738	34,436	208,355
	4,846 —	104,982 —	60,305 22,583	45,369 —	— —	— —	340 —
	4,846	104,982	82,888	45,369	—	—	340
	39,311	1,215,760	947,522	89,235	50,738	34,436	208,015
	142,068 162,845	4,790,495 6,390,236	2,545,515 2,761,784	340,908 374,699	190,784 211,912	96,650 123,435	740,739 872,027
	4,243 8,278	612,009 387,425	617,863 713,289	125,588 211,480	— —	— —	1,114 1,382
	146,311 171,123	5,402,504 6,777,661	3,163,378 3,475,073	466,496 586,179	190,784 211,912	96,650 123,435	741,853 873,409
	1,206 1,310	29,823 40,525	27,422 31,584	2,875 2,975	1,546 1,691	829 1,148	6,463 6,934

## INDEX NUMBERS

(Average 1935-39 = 100)

	July	August	September	October	November	December	
			TOTAL OUTPUT				
	108.4	109.5	113.1	113.3	112.3	109.4	
	128.6	119.4	114.0	108.8	109.0	111.4	
	130.8	126.1	136.2	137.4	137.5	138.9	
			OUTPUT LESS EXPORTS AND SECONDARY POWER				
	111.6	112.3	113.1	113.4	115.9	116.1	
	132.5	132.0	130.9	130.7	133.6	136.6	
	160.3	159.6	167.4	168.8	169.5	174.9	

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1938	1939	1940	1941	1942
January	2,283,691	2,386,979	2,526,143	2,634,701	3,226,289
February	2,057,598	2,214,174	2,337,031	2,407,068	2,864,438
March	2,258,197	2,366,740	2,426,157	2,631,809	3,220,953
April	2,063,801	2,197,379	2,398,722	2,693,353	3,082,740
May	2,081,335	2,333,443	2,671,537	2,805,394	
June	1,973,155	2,245,537	2,578,833	2,560,060	
July	1,987,774	2,205,844	2,615,232	2,661,145	
August	2,075,901	2,293,032	2,600,179	2,640,094	
September	2,168,435	2,330,652	2,399,678	2,866,647	
October	2,333,461	2,589,956	2,487,455	3,140,317	
November	2,375,661	2,601,536	2,524,860	3,183,982	
December	2,353,196	2,536,242	2,584,341	3,220,800	
Total 12 months	26,012,805	28,351,514	30,080,248	33,445,360	
First 4 "	8,663,287	9,165,272	9,718,053	10,366,931	12,394,420

EXPORTS TO THE UNITED STATES

January	157,532	166,915	149,050	192,470	206,530
February	123,094	153,491	139,908	176,643	176,136
March	144,091	165,422	155,402	201,613	216,110
April	135,616	141,523	170,600	211,594	216,355
May	155,292	164,520	193,354	210,495	
June	158,313	163,063	190,704	187,044	
July	159,343	162,973	203,058	197,433	
August	149,493	177,624	192,236	187,600	
September	151,691	159,713	186,983	183,954	
October	165,455	151,794	168,904	196,578	
November	165,299	155,247	185,432	199,856	
December	161,290	150,138	199,866	214,261	
Total 12 months	1,826,515	1,912,323	2,135,557	2,359,541	
First 4 "	560,333	627,351	614,960	782,320	815,131

OUTPUT LESS EXPORTS AND SECONDARY POWER

January	1,522,331	1,612,995	1,805,591	2,188,080	2,756,555
February	1,404,034	1,455,426	1,680,884	2,008,725	2,480,082
March	1,539,443	1,581,562	1,786,563	2,194,373	2,740,830
April	1,447,356	1,528,777	1,784,640	2,146,361	2,627,713
May	1,472,745	1,590,865	1,890,025	2,205,990	
June	1,439,682	1,555,822	1,812,317	2,167,151	
July	1,434,504	1,554,705	1,846,304	2,234,260	
August	1,487,662	1,609,545	1,893,312	2,238,214	
September	1,508,400	1,630,038	1,886,670	2,412,334	
October	1,602,664	1,753,729	2,021,032	2,610,102	
November	1,588,315	1,760,849	2,030,222	2,576,187	
December	1,609,049	1,770,859	2,083,949	2,669,339	
Total 12 months	18,056,235	19,405,172	22,521,509	27,701,116	
First 4 "	5,913,214	6,178,760	7,057,678	8,537,539	10,605,180



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Minister of Trade and Commerce.

**DOMINION BUREAU OF STATISTICS**  
**TRANSPORTATION AND PUBLIC UTILITIES BRANCH**  
**OTTAWA**

---

Acting Dominion Statistician, S. A. CUDMORE, M.A. (Oxon.), F.S.S., F.R.S.C.

Chief, Transportation and Public Utilities Branch, C.S. Wrong, B.Sc.

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

MAY, 1942

Central electric stations produced 3,174,764,000 kw. hrs. in May as compared with 2,805,394,000 kw. hrs. in May last year. On a daily basis this was slightly less than was produced in April, but May contained 5 Sundays, 5 Saturdays and a holiday, which would affect the daily average. The index number, however, advanced to a new high at 146.1 as against April's 144.3

Exports to the United States reached a new high at 225,610,000 kw. hrs. made up of 123,918,000 kw. hrs. of firm power and 101,692,000 kw. hrs. of secondary power. The increase over May 1941 exports was practically all in secondary power.

Production of secondary power for use in Canada amounted to 291,739,000 kw. hrs. as against 388,909,000 kw. hrs. in May 1941.

Consumption of firm power in Canada (output less exports and secondary power) amounted to 2,657,415,000 kw. hrs. as compared with 2,205,990,000 kw. hrs. in May last year, an increase of 20 p.c., but the index number dropped from 185.7 for April to 183.6. Again the unequal number of working days may have accounted for this decrease.

## CENTRAL ELECTRIC

Month of

(Thousands of

			Total	Prince Edward Island	Nova Scotia
A	<u>Production</u> - Hydraulic		3,116,547	21	26,104
B	Thermal		58,217	673	14,823
C (A + B)	Total		3,174,764	694	40,927
D	<u>Receipts from other Provinces</u>		...	...	...
E (C + D)	<u>Output plus Receipts</u>		...	694	40,927
F	<u>Deliveries to other Provinces</u>		...		
	<u>Exports to U.S.A.</u>				
G	Firm Power		123,918	...	...
H	Secondary "		101,692	...	...
I (G + H)	Total		225,610	...	...
J (F + I)	<u>Total Deliveries</u>		...	...	...
K (E - J)	<u>Net consumption in Canada</u>		2,949,154	694	40,927
	<u>Secondary Power</u>				
L	For Boilers		268,435	...	...
M	For other uses in Canada		23,304	...	254
N (L + M)	Total		291,739	....	254
O (K - N)	<u>Net consumption of Firm Power</u>		2,657,415	694	40,673
<u>CUMULATIVE PRODUCTION TOTALS. January - May</u>					
P	Firm Power	1941	11,335,543	3,516	185,905
Q		1942	13,853,452	4,106	212,442
R	Secondary Power	1941 (1)	1,836,782	...	11,336
S		1942 (1)	1,715,732	...	701
T (P + R)	Total	1941	13,172,325	3,516	197,241
U (Q + S)		1942	15,569,184	4,106	213,143
<u>DAILY AVERAGE CONSUMPTION OF FIRM POWER (OUTPUT LESS EXPORTS AND SECONDARY POWER)</u>					
V (Average of O)	May	1941	71,160	20	1,291
W ( " " " )	"	1942	85,723	22	1,312

(1) Includes Secondary Power exported to U.S.A.

## INDEX NUMBERS

(Average 1935-39 = 100)

	January	February	March	April	May	June
	<u>TOTAL OUTPUT</u>					
1939	105.7	106.4	104.1	102.9	107.4	108.2
1940	111.9	113.7	106.8	112.3	123.0	124.2
1941	116.7	115.7	115.8	126.1	129.1	123.3
1942	142.9	137.6	141.7	144.3	146.1	
	<u>OUTPUT LESS EXPORTS AND SECONDARY POWER</u>					
1939	107.0	106.9	106.7	108.0	109.9	110.9
1940	119.7	123.4	120.5	126.1	130.6	129.2
1941	145.1	147.5	148.0	151.7	152.4	154.5
1942	182.8	182.1	184.9	185.7	183.6	

## STATION DATA

MAY, 1942

Kilowatt hours)

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
36,745 7,805	1,793,083 426	868,063 ...	132,637 129	32,759 15,788	17,653 13,387	209,482 5,186
44,550	1,793,509	868,063	132,766	48,547	31,040	214,668
590	6,690	351,987	...	...	3,252	...
45,140	1,800,199	1,220,050	132,766	48,547	34,292	214,668
...	352,577	6,690	...	...	...	3,252
2,535 ...	55,304 ...	65,967 101,692	76 ...	...	...	36 ...
2,535	55,304	167,659	76	...	...	36
2,535	407,881	174,349	76	...	...	3,288
42,605	1,392,318	1,045,701	132,690	48,547	34,292	211,380
4,068 ...	171,231 ...	52,606 23,050	40,283 ...	...	...	247 ...
4,068	171,231	75,656	40,283	...	...	247
38,537	1,221,087	970,045	92,407	48,547	34,292	211,133
191,988 203,327	6,033,416 8,012,514	3,185,808 3,452,499	429,088 467,182	239,929 260,459	120,814 154,475	945,079 1,086,448
1,164 12,346	859,578 558,656	795,009 890,637	168,313 251,763	...	...	1,382 1,629
193,152 215,673	6,892,994 8,571,170	3,980,817 4,343,136	597,401 718,945	239,929 260,459	120,814 154,475	946,461 1,088,077
1,222 1,243	29,486 39,390	27,344 31,292	2,842 2,981	1,585 1,566	845 1,106	6,525 6,811

## INDEX NUMBERS

(Average 1935-39 = 100)

July	August	September	October	November	December
TOTAL OUTPUT					
108.4 128.6 130.8	109.5 119.4 126.1	113.1 114.8 136.2	113.3 108.6 137.4	112.3 109.0 137.5	109.4 111.8 136.9
OUTPUT LESS EXPORTS AND SECONDARY POWER					
111.6 132.5 160.3	112.3 132.0 159.6	113.1 130.7 167.4	113.4 130.7 168.8	115.9 133.6 169.5	116.1 136.6 174.9



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1936	1939	1940	1941	1942
January	2,283,691	2,386,979	2,526,143	2,634,701	3,226,289
February	2,057,598	2,214,174	2,367,031	2,407,068	2,864,438
March	2,258,197	2,366,740	2,426,157	2,631,809	3,220,953
April	2,063,901	2,197,379	2,398,722	2,693,353	3,082,740
May	2,081,335	2,333,443	2,671,567	2,805,394	3,174,764
June	1,973,155	2,245,537	2,578,883	2,560,060	
July	1,987,774	2,205,844	2,615,232	2,661,145	
August	2,075,901	2,293,032	2,500,179	2,640,084	
September	2,168,435	2,390,052	2,390,678	2,866,647	
October	2,333,431	2,569,856	2,487,455	3,140,317	
November	2,375,661	2,601,536	2,524,960	3,183,982	
December	2,353,196	2,536,242	2,584,341	3,220,800	
Total 12 months	26,012,805	28,351,514	30,080,248	33,445,360	
First 5 "	10,745,222	11,498,715	12,389,620	13,172,325	15,569,184

EXPORTS TO THE UNITED STATES

January	157,532	166,915	149,050	192,470	206,530
February	123,094	153,491	139,308	176,643	176,136
March	144,091	165,422	155,402	201,613	216,110
April	135,616	141,523	170,600	211,594	216,355
May	155,292	164,520	193,354	210,495	225,610
June	158,313	163,063	190,704	187,044	
July	159,349	162,973	203,058	197,433	
August	149,493	177,824	192,236	187,600	
September	151,691	159,713	186,983	183,954	
October	165,455	151,794	168,904	196,578	
November	165,299	155,247	185,492	199,856	
December	161,290	150,138	199,866	214,261	
Total 12 months	1,826,515	1,912,623	2,135,557	2,359,541	
First 5 "	715,625	791,871	808,314	992,815	1,040,741

OUTPUT LESS EXPORTS AND SECONDARY POWER

January	1,522,381	1,612,995	1,805,591	2,188,080	2,756,555
February	1,404,034	1,455,426	1,680,884	2,008,725	2,480,082
March	1,539,443	1,581,562	1,786,563	2,194,373	2,740,830
April	1,447,356	1,528,777	1,784,640	2,146,361	2,627,713
May	1,472,745	1,590,865	1,890,025	2,205,990	2,657,415
June	1,439,682	1,555,822	1,812,317	2,167,151	
July	1,434,504	1,554,705	1,846,304	2,234,260	
August	1,487,662	1,498,543	1,393,312	2,238,214	
September	1,508,400	1,630,038	1,886,670	2,412,334	
October	1,602,634	1,753,729	2,021,032	2,610,102	
November	1,588,315	1,760,849	2,030,222	2,576,187	
December	1,309,049	1,770,838	2,083,949	2,639,339	
Total 12 months	18,056,235	19,405,172	22,521,509	27,701,116	
First 5 "	7,385,959	7,769,625	8,947,703	10,743,529	13,262,595

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**DOMINION BUREAU OF STATISTICS**  
**TRANSPORTATION AND PUBLIC UTILITIES BRANCH**  
**OTTAWA**

Acting Dominion Statistician, S. A. CUDMORE, M.A. (Oxon.), F.S.S., F.R.S.C.

Chief, Transportation and Public Utilities Branch, C.S. Wrong, B.Sc.

OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

JUNE, 1942.

Central electric stations produced 3,043,200,000 kw. hrs. during June, an increase of 18.9 p.c. over the output of 2,560,060,000 kw. hrs. in June last year. For the six months the total output was 18,612,384,000 kw. hrs. or 18.3 p.c. above the output for the first half of 1941.

Exports to the United States amounted to 212,012,000 kw. hrs., consisting of 119,117,000 kw. hrs. of firm power and 92,895,000 kw. hrs. of secondary power as against 115,655,000 and 71,389,000 kw. hrs. respectively in June last year.

Secondary power produced for use in Canada increased from 205,865,000 kw. hrs. last year to 249,143,000 kw. hrs., and was down from May by 42,596,000 kw. hrs. or by 11.8 p.c. on a daily basis.

Consumption of firm power in Canada (total output less exports and secondary power) amounted to 2,582,045,000 kw. hrs., or a daily average of 86,068,000 kw. hrs. as against an average of 85,723,000 kw. hrs. in May, of 72,238,000 kw. hrs. in June last year and a peak of 88,414,000 kw. hrs. in March 1942.

For the six months. January - June, firm power consumption increased over the first six months of the previous year by 15.4 p.c. in 1940, by 20.0 p.c. in 1941 and by 22.7 p.c. in 1942 as against an average increase in 1935, 1936 and 1937 of 6.6 p.c.

## CENTRAL ELECTRIC

Month of

(Thousands of

			Total	Prince Edward Island	Nova Scotia
A	<u>Production</u> - Hydraulic		2,988,143	18	23,266
B	Thermal		55,657	670	14,557
C (A + B)	Total		3,043,800	688	38,423
D	<u>Receipts from other Provinces</u>			...	...
E (C + D)	<u>Output plus Receipts</u>			688	38,423
F	<u>Deliveries to other Provinces</u>			...	...
	<u>Exports to U.S.A.</u>				
G	Firm	Power	119,117	...	...
H	Secondary	"	92,895	...	...
I (G + H)	Total		212,012	...	...
J (F + I)	<u>Total Deliveries</u>			...	...
K (E - J)	<u>Net consumption in Canada</u>		2,831,188	688	14,823
	<u>Secondary Power</u>				
L	For Boilers		226,116	...	...
M	For other uses in Canada		23,027	...	...
N (L + M)	Total		249,143	...	...
O (K - N)	<u>Net consumption of Firm Power</u>		2,582,045	688	14,823
CUMULATIVE PRODUCTION TOTALS. January - June					
P	Firm Power	1941	13,618,349	4,115	233,400
Q		1942	16,554,614	4,794	250,865
R	Secondary Power	1941 (1)	2,114,036	...	1,707
S		1942 (1)	2,057,770	...	701
T (P + R)	Total	1941	15,732,385	4,115	235,107
U (Q + S)		1942	18,612,384	4,794	251,566
DAILY AVERAGE CONSUMPTION OF FIRM POWER (OUTPUT LESS EXPORTS AND SECONDARY POWER)					
V (Average of O)		1941	72,238	20	1,244
W ( " " " )		1942	86,068	23	1,281

(1) Includes Secondary Power exported to U.S.A.

## INDEX NUMBERS

(Average 1935-39 = 100)

	January	February	March	April	May	June
	TOTAL OUTPUT					
1939	105.7	106.4	104.1	102.9	107.4	108.2
1940	111.9	113.7	106.8	112.3	123.0	124.2
1941	116.7	115.7	115.8	126.1	129.1	123.3
1942	142.9	137.6	141.7	144.3	146.1	146.6
	OUTPUT LESS EXPORTS AND SECONDARY POWER					
1939	107.0	106.9	106.7	108.0	109.9	110.9
1940	119.7	123.4	120.5	126.1	130.6	129.2
1941	145.1	147.5	146.0	151.7	152.4	154.5
1942	182.8	182.1	184.9	185.7	183.6	184.1



## STATION DATA

JUNE, 1942

Kilowatt hours)

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
37,295 8,674	1,749,017 414	819,901 ...	107,368 126	33,456 15,591	22,920 9,517	194,302 5,508
45,969	1,749,431	819,901	107,494	49,047	32,437	199,810
583	5,235	542,502	...	...	2,609	...
46,552	1,754,666	1,162,403	107,494	49,047	35,046	199,810
31	343,085	5,204	...	...	...	2,609
2,636 ...	53,765 ...	155,503 92,895	76 ...	... ...	... ...	32 ...
2,636	53,765	155,503	76	...	...	32
2,667	396,850	160,707	76	...	...	2,641
43,885	1,387,816	1,001,696	107,418	49,047	35,046	197,169
5,229 ...	156,161 ...	40,781 23,027	23,661 ...	... ...	... ...	284 ...
5,229	156,161	63,808	23,661	...	...	284
38,656	1,201,655	937,888	83,757	49,047	35,046	196,885
222,795 244,067	7,275,132 9,605,784	3,804,197 4,115,697	514,067 551,015	286,756 309,506	144,001 186,912	1,133,886 1,285,974
16,194 17,575	947,430 714,817	950,724 1,047,340	196,432 275,424	... ...	... ...	1,549 1,913
238,989 261,642	8,222,562 10,320,601	4,754,921 5,163,037	710,499 826,439	286,756 309,506	144,001 186,912	1,135,435 1,287,887
1,011 1,000	31,006 40,055	27,196 31,263	2,832 2,792	1,562 1,635	841 1,168	6,224 6,563

## INDEX NUMBERS

(Average 1935-39 = 100)

July	August	September	October	November	December	
TOTAL OUTPUT						
108.4	109.5	113.1	113.3	112.3	109.4	
128.6	119.4	114.0	108.8	109.0	111.4	
130.8	126.1	136.2	137.4	137.5	138.9	
OUTPUT LESS EXPORTS AND SECONDARY POWER						
111.6	112.3	113.1	113.3	112.3	109.4	
132.5	132.0	130.9	128.8	128.8	126.6	
160.3	159.6	167.4	167.4	167.5	174.9	

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1938	1939	1940	1941	1942
January	2,283,691	2,386,979	2,526,143	2,634,701	3,226,289
February	2,057,598	2,214,174	2,387,031	2,407,068	2,864,438
March	2,158,167	2,326,740	2,423,157	2,631,809	3,220,853
April	2,063,871	2,197,373	2,393,722	2,693,353	3,082,740
May	2,081,935	2,333,443	2,671,567	2,805,394	3,174,764
June	1,973,155	2,245,537	2,578,883	2,560,060	3,043,200
July	1,987,774	2,205,844	2,615,232	2,661,145	
August	2,075,901	2,293,032	2,500,179	2,640,084	
September	2,168,435	2,380,652	2,399,678	2,836,347	
October	2,333,461	2,589,956	2,487,455	3,140,317	
November	2,373,001	2,601,556	2,524,860	3,183,992	
December	2,353,193	2,326,242	2,584,341	3,220,800	
Total 12 months	26,012,805	28,351,514	30,080,248	33,445,360	
First 6 "	12,718,377	13,744,252	14,968,503	15,732,385	18,612,384

EXPORTS TO THE UNITED STATES

January	157,532	166,915	149,050	192,470	206,530
February	123,094	153,491	139,908	176,643	176,136
March	144,091	165,422	155,402	201,613	216,110
April	135,616	141,523	170,600	211,594	216,355
May	155,292	164,520	183,354	210,435	225,610
June	158,313	163,063	180,704	187,044	212,012
July	169,342	162,973	182,058	197,433	
August	148,498	177,824	182,236	187,600	
September	151,691	159,713	186,983	183,954	
October	165,455	151,794	168,904	196,578	
November	165,299	155,247	185,432	199,856	
December	161,290	150,138	199,866	214,261	
Total 12 months	1,826,515	1,912,623	2,135,557	2,359,541	
First 6 "	873,938	954,934	999,018	1,179,859	1,252,753

OUTPUT LESS EXPORTS AND SECONDARY POWER

January	1,522,381	1,612,995	1,805,591	2,188,080	2,756,555
February	1,404,034	1,455,426	1,680,884	2,008,725	2,480,082
March	1,539,443	1,581,562	1,786,563	2,194,373	2,740,830
April	1,447,356	1,528,777	1,784,640	2,146,361	2,627,713
May	1,472,745	1,590,835	1,890,025	2,205,990	2,657,415
June	1,439,682	1,555,822	1,812,317	2,167,151	2,582,045
July	1,434,504	1,554,705	1,846,304	2,234,260	
August	1,487,662	1,609,555	1,893,312	2,238,214	
September	1,508,400	1,630,038	1,886,670	2,412,334	
October	1,602,664	1,753,729	2,021,032	2,610,102	
November	1,588,315	1,760,849	2,030,222	2,576,137	
December	1,609,049	1,770,859	2,083,949	2,669,339	
Total 12 months	18,000,122	19,403,182	21,521,526	27,701,116	
First 6 "	8,823,641	9,325,447	10,760,020	12,910,680	15,844,640

Revised.

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Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

JULY, 1942.

Central electric stations produced 2,965,655,000 kw. hrs. during July as compared with 3,043,200,000 in June and 2,661,145,000 in July last year. The decrease from June was entirely in secondary power which declined from 342,038,000 to 214,216,000 kw. hrs., whereas firm power increased from 2,701,162,000 to 2,751,439,000 kw. hrs. On a daily basis, however, the July rate of production of firm power was 1.4 p. c. lower than in June. The decline was less than the usual and the index of firm power production for use in Canada, adjusted for seasonal variations, increased from 184.1 to 188.6, the highest reached to date.

Exports to the United States amounted to 195,827,000 kw. hrs., composed of 123,333,000 kw. hrs. of firm power and 72,494,000 kw. hrs. of secondary power.

Production of secondary power for use in Canada dropped from 229,452,000 kw. hrs. in July 1941 to 141,722,000 kw. hrs., or by 38 p.c. In Quebec, where over half of this power was used in 1941, the decrease was over 50 p.c., and in Ontario it was 27 p.c.

Consumption of firm power in Quebec increased from 950,033,000 kw. hrs. in July 1941 to 1,246,853,000 kw. hrs. or by 31.2 p.c., and in Ontario from 842,122,000 to 938,022,000 kw. hrs. or by 1.4 p.c., compared with an increase in the total for Canada of 17.6 p.c.



## CENTRAL ELECTRIC

Month of

(Thousands of

				Total	Prince Edward Island	Nova Scotia
A	<u>Production</u> - Hydraulic			2,909,722	12	20,618
B	Thermal			55,933	648	14,912
C (A + B)	Total			2,965,655	660	35,530
D	<u>Receipts from other Provinces</u>				...	...
E (C + D)	<u>Output plus Receipts</u>				660	35,530
F	<u>Deliveries to other Provinces</u>				...	...
	<u>Exports to U.S.A.</u>					
G	Firm Power			123,333	...	...
H	Secondary "			72,494	...	...
I (G + H)	Total			195,827	...	...
J (F + I)	<u>Total Deliveries</u>				...	...
K (E - J)	<u>Net consumption in Canada</u>			2,769,828	660	35,530
	<u>Secondary Power</u>					
L	For Boilers			120,117	...	...
M	For other uses in Canada			21,605	...	73
N (L + M)	Total			141,722	...	73
O (K - N)	<u>Net consumption of Firm Power</u>			2,628,106	660	35,457
<u>CUMULATIVE PRODUCTION TOTALS. January - July</u>						
P	Firm Power	1941		15,974,766	4,704	271,044
Q		1942		19,306,053	5,454	286,322
R	Secondary Power	1941 (1)		2,418,764	...	1,980
S		1942 (1)		2,271,986	...	774
T (P + R)	Total	1941		18,393,530	4,704	273,024
U (Q + S)		1942		21,578,039	5,454	287,096
<u>DAILY AVERAGE CONSUMPTION OF FIRM POWER (OUTPUT LESS EXPORTS &amp; SECONDARY POWER)</u>						
V (Average of O)	July	1941 (revised)		72,073	19	1,214
W ( " " " )	"	1942		84,777	21	1,143

(1) Includes Secondary Power exported to U.S.A.

INDEX NUMBERS

(Average 1935-39 = 100)

	January	February	March	April	May	June
	<u>TOTAL OUTPUT</u>					
1939	105.7	106.4	104.1	102.9	107.4	108.2
1940	111.9	113.7	106.8	112.3	123.0	124.2
1941	116.7	115.7	115.8	126.1	129.1	123.3
1942	142.9	137.6	141.7	144.3	146.1	146.6
	<u>OUTPUT LESS EXPORTS AND SECONDARY POWER</u>					
1939	107.0	106.9	106.7	108.0	109.9	110.9
1940	119.7	123.4	120.5	126.1	130.6	129.2
1941	145.1	147.5	148.0	151.7	152.4	154.5
1942	182.8	182.1	184.9	185.7	183.6	184.1

## STATION DATA

JULY, 1942

Kilowatt hours)

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
31,506 9,124	1,706,267 420	790,509 ...	100,515 129	34,590 15,696	23,719 9,643	201,986 5,361
40,630	1,706,687	790,509	100,644	50,286	33,362	207,347
596	4,845	342,907	...	...	2,564	...
41,226	1,711,532	1,133,416	100,644	50,286	35,926	207,347
...	343,503	4,845	...	...	...	2,564
2,663 ...	55,615 ...	64,938 72,494	74 ...	... ...	... ...	43 ...
2,663	55,615	127,432	74	...	...	43
2,663	399,118	142,277	74	...	...	2,607
38,563	1,312,414	991,139	100,570	50,286	35,926	204,740
4,505 ...	65,561 ...	31,585 21,532	18,337 ...	... ...	... ...	129 ...
4,505	65,561	33,117	18,337	...	...	129
34,058	1,246,853	938,022	82,233	50,286	35,926	204,611
268,076 280,192	8,549,205 11,246,910	4,442,675 4,780,595	596,935 633,322	335,971 359,792	168,635 220,274	1,337,521 1,493,192
19,426 22,080	1,079,190 780,378	1,098,829 1,172,951	217,704 293,761	... ...	... ...	1,635 2,042
287,502 302,272	9,628,395 12,027,288	5,541,504 5,953,546	814,639 927,083	335,971 359,792	168,635 220,274	1,339,156 1,495,234
1,408 1,099	30,646 40,221	27,165 30,259	2,671 2,653	1,588 1,622	861 1,159	6,501 6,600

## INDEX NUMBERS

(Average 1935-39 = 100)

July	August	September	October	November	December
TOTAL OUTPUT					
106.4	109.5	113.1	113.3	112.3	109.4
128.6	119.4	114.0	108.8	109.0	111.4
130.8	126.1	136.2	137.4	137.5	138.9
145.8					
OUTPUT LESS EXPORTS AND SECONDARY POWER					
111.6	112.3	113.1	113.4	115.9	116.1
132.5	122.0	120.9	130.7	133.6	136.6
160.3	159.6	167.2	168.8	169.5	174.9
182.6					

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1938	1939	1940	1941	1942
January	2,283,691	2,386,979	2,526,143	2,634,701	3,226,289
February	2,057,598	2,214,174	2,367,031	2,407,068	2,864,438
March	2,258,197	2,366,740	2,426,157	2,631,809	3,220,953
April	2,063,801	2,197,379	2,398,722	2,693,353	3,082,740
May	2,081,935	2,333,443	2,671,567	2,805,394	3,174,764
June	1,973,155	2,245,537	2,578,883	2,560,060	3,043,200
July	1,987,774	2,205,844	2,615,232	2,661,145	2,965,655
August	2,075,901	2,293,032	2,500,179	2,640,084	
September	2,168,435	2,380,652	2,399,678	2,866,647	
October	2,333,461	2,589,956	2,487,455	3,140,317	
November	2,375,661	2,601,536	2,524,860	3,183,982	
December	2,353,196	2,536,242	2,584,341	3,220,800	
Total 12 months	26,012,805	28,351,514	30,080,248	33,445,360	
First 7 "	14,706,151	15,950,096	17,583,735	18,393,530	21,578,039

EXPORTS TO THE UNITED STATES

January	157,532	166,915	149,050	192,470	206,530
February	123,094	153,491	139,908	176,643	176,136
March	144,091	165,422	155,402	201,613	216,110
April	135,616	141,523	170,600	211,594	216,355
May	155,292	164,520	193,354	210,495	225,610
June	158,313	163,063	190,704	187,044	212,012
July	159,349	162,973	203,058	197,433	195,827
August	149,493	177,824	192,236	187,600	
September	151,691	159,713	186,983	183,954	
October	165,455	151,794	168,904	196,578	
November	165,299	155,247	185,492	199,856	
December	161,290	150,138	199,866	214,261	
Total 12 months	1,826,515	1,912,623	2,135,557	2,359,541	
First 7 "	1,033,287	1,117,907	1,202,076	1,377,292	1,448,580

OUTPUT LESS EXPORTS AND SECONDARY POWER

January	1,522,381	1,612,995	1,805,591	2,188,080	2,756,555
February	1,404,034	1,455,426	1,680,884	2,008,725	2,480,082
March	1,539,443	1,581,562	1,786,563	2,194,373	2,740,830
April	1,447,356	1,528,777	1,784,640	2,146,361	2,627,713
May	1,472,745	1,590,865	1,890,025	2,205,990	2,657,415
June	1,439,682	1,555,822	1,812,317	2,167,151	2,582,045
July	1,434,504	1,554,705	1,846,304	2,234,260	2,628,106
August	1,487,662	1,609,555	1,893,312	2,288,214	
September	1,508,400	1,630,038	1,886,670	2,412,334	
October	1,602,664	1,733,729	2,021,032	2,610,102	
November	1,588,315	1,760,849	2,050,222	2,576,187	
December	1,609,049	1,770,859	2,083,949	2,669,339	
Total 12 months	18,056,235	19,405,182	22,521,509	27,701,116	
First 7 "	10,260,145	10,880,152	12,606,324	15,144,940	18,472,746



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Minister of Trade and Commerce.

**DOMINION BUREAU OF STATISTICS**  
**TRANSPORTATION AND PUBLIC UTILITIES BRANCH**  
**OTTAWA**

Acting Dominion Statistician, S. A. CUDMORE, M.A. (Oxon.), F.S.S., F.R.S.C.

Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

AUGUST, 1942

Central electric stations produced 2,989,675,000 kw. hrs. during August as compared with 2,965,655,000 kw. hrs. in July and 2,640,084,000 kw. hrs. in August last year. The increase over July was less than normal and the index number dropped from 145.8 to 142.8.

Exports to the United States increased from 187,600,000 kw. hrs. in August, 1941 to 195,052,000 kw. hrs., made up of 124,770,000 kw. hrs. of firm power and 70,282,000 of secondary or off peak power.

Consumption of secondary power in Canada declined from 164,270,000 kw. hrs. a year ago to 102,224,000 kw. hrs., or by 38 per cent.

Firm power produced for use in Canada (including line losses) amounted to 2,692,399,000 kw. hrs., which was exceeded only by the January 1942 production and was 4 per cent above the July production, but the index number adjusted for holidays and other seasonal factors declined from 188.6 for July to 187.8; this was the second highest to date.

## CENTRAL ELECTRIC

Month of

(Thousands of

				Total	Prince Edward Island	Nova Scotia
A	<u>Production</u> - Hydraulic			2,931,948	10	20,187
B	Thermal			57,727	715	15,643
C (A + B)	Total			2,989,675	725	35,830
D	<u>Receipts from other Provinces</u>			...	...	...
E (C + D)	<u>Output plus Receipts</u>			...	725	35,830
F	<u>Deliveries to other Provinces</u>			...	...	...
G	<u>Exports to U.S.A.</u>			124,770	...	...
H	Firm	Power		70,282	...	...
I (G + H)	Total			195,052	...	...
J (E - I)	<u>Total Deliveries</u>			...	...	...
K (E - J)	<u>Net consumption in Canada</u>			2,794,623	725	35,830
L	<u>Secondary Power</u>			33,646	...	...
M	For Boilers			18,578	...	165
N (L + M)	Total			102,224	...	165
O (K - N)	Net consumption of Firm Power			2,692,399	725	35,665
<u>CUMULATIVE PRODUCTION TOTALS. January - August</u>						
P	Firm Power	1941		18,385,110	5,352	310,056
Q		1942		22,123,222	6,179	321,937
R	Secondary Power	1941 (1)		2,648,304	...	2,225
S		1942 (1)		2,444,492	...	939
T (P + R)	Total	1941		21,033,614	5,352	312,281
U (Q + S)		1942		24,567,714	6,179	322,926
<u>DAILY AVERAGE CONSUMPTION OF FIRM POWER (OUTPUT LESS EXPORTS and SECONDARY POWER)</u>						
V (Average of O)	August	1941		73,813	21	1,258
W ( " " " )	"	1942		86,851	22	1,150

(1) Includes Secondary Power exported to U.S.A.

INDEX NUMBERS

(Average 1935-39 = 100)

	January	February	March	April	May	June
	<u>TOTAL OUTPUT</u>					
1939	105.7	106.4	104.1	102.9	107.4	108.2
1940	111.9	113.7	106.8	112.3	123.0	124.2
1941	116.7	115.7	115.8	126.1	129.1	123.3
1942	142.9	137.6	141.7	144.3	146.1	146.6
	<u>OUTPUT LESS EXPORTS AND SECONDARY POWER</u>					
1939	107.0	106.9	106.7	108.0	109.9	110.9
1940	119.7	123.4	120.5	126.1	130.6	129.2
1941	145.1	147.5	148.0	151.7	152.4	154.5
1942	182.8	182.1	184.9	185.7	183.6	184.1

## STATION DATA

AUGUST, 1942

Kilowatt hours)

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
27,908 8,910	1,719,180 459	789,037 ...	107,513 135	35,236 16,413	23,744 9,955	209,136 5,495
36,818	1,719,639	789,027	107,648	51,646	33,699	214,631
592	7,433	342,864	...	...	2,437	...
37,410	1,727,572	1,131,901	107,646	51,646	36,136	214,631
...	343,458	7,433	...	...	...	2,437
2,425 ...	55,802 ...	66,412 70,262	85 ...	...	...	46 ...
2,425	55,802	136,694	85	...	...	46
2,425	539,258	144,127	85	...	...	2,483
34,985	1,327,814	987,774	107,563	51,648	36,136	212,148
78 ...	41,004 ...	23,025 18,413	19,391 ...	...	...	148 ...
78	41,004	41,438	19,391	...	...	148
34,907	1,286,810	946,336	88,172	51,646	36,136	212,000
311,099 316,932	9,845,938 12,925,546	5,099,544 5,457,912	683,084 721,578	385,568 421,440	193,578 253,973	1,550,891 1,707,675
20,602 22,158	1,150,251 821,381	1,238,182 1,284,671	235,450 313,153	...	...	1,794 2,190
331,701 339,090	10,996,189 13,746,927	6,337,726 6,742,583	918,534 1,034,731	385,169 411,440	193,578 253,973	1,552,685 1,709,865
1,341 1,126	31,262 41,510	27,869 30,527	2,776 2,844	1,600 1,666	873 1,165	6,813 6,840

## INDEX NUMBERS

(Average 1935-39 = 100)

July	August	September	October	November	December
TOTAL OUTPUT					
108.4 128.6 130.8 145.8	109.5 119.4 126.1 142.8	113.1 114.0 136.2	113.3 108.8 137.4	112.3 109.0 137.5	109.4 111.4 138.9
OUTPUT LESS EXPORTS AND SECONDARY POWER					
111.6 132.5 160.3 168.6	112.3 132.0 159.6 187.8	113.1 130.9 167.4	113.4 130.7 168.8	115.9 133.6 169.5	116.1 136.6 174.9



OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1938	1939	1940	1941	1942
January	2,283,391	2,386,979	2,526,143	2,654,701	3,226,289
February	2,057,598	2,214,174	2,337,031	2,407,068	2,864,438
March	2,258,197	2,303,740	2,426,157	2,651,809	3,220,953
April	2,033,301	2,197,379	2,336,722	2,636,353	3,082,740
May	2,081,335	2,333,443	2,671,537	2,805,394	3,174,764
June	1,973,155	2,245,537	2,578,833	2,560,060	3,043,200
July	1,987,774	2,235,344	2,615,232	2,661,145	2,965,655
August	2,275,801	2,395,332	2,529,173	2,649,984	2,989,675
September	2,163,435	2,359,034	2,399,378	2,836,647	
October	2,333,461	2,589,956	2,487,455	3,140,317	
November	2,375,661	2,601,536	2,524,860	3,183,982	
December	2,353,196	2,536,242	2,584,341	3,220,800	
Total 12 months	26,012,805	28,351,514	30,030,346	33,443,360	
First 8 "	16,782,052	18,243,128	20,083,914	21,052,614	24,567,714

EXPORTS TO THE UNITED STATES

January	157,532	166,915	149,050	192,470	206,530
February	123,094	153,491	139,908	176,643	176,136
March	144,091	165,422	155,402	201,613	216,110
April	135,616	141,523	170,600	211,594	216,355
May	155,292	164,520	198,354	210,495	225,610
June	158,313	163,063	190,704	187,044	212,012
July	159,349	162,973	203,058	197,433	195,827
August	149,493	177,824	192,236	187,600	195,052
September	151,691	159,713	186,983	183,954	
October	165,455	151,794	168,904	196,578	
November	165,299	155,247	185,492	199,856	
December	161,290	150,138	199,866	214,261	
Total 12 months	1,826,515	1,912,623	2,135,557	2,359,541	
First 8 "	1,182,780	1,295,731	1,394,312	1,564,892	1,643,632

OUTPUT LESS EXPORTS AND SECONDARY POWER

January	1,522,321	1,612,935	1,895,591	2,188,080	2,756,555
February	1,404,034	1,495,426	1,680,884	2,008,725	2,480,082
March	1,539,443	1,581,532	1,793,503	2,194,373	2,740,830
April	1,447,356	1,528,777	1,784,640	2,146,361	2,627,713
May	1,472,745	1,590,865	1,890,025	2,205,990	2,657,415
June	1,439,682	1,555,822	1,812,317	2,167,151	2,582,045
July	1,434,504	1,554,705	1,843,304	2,234,260	2,628,106
August	1,487,662	1,609,555	1,893,312	2,288,214	2,692,399
September	1,508,400	1,630,038	1,886,370	2,412,334	
October	1,602,664	1,753,729	2,021,032	2,610,102	
November	1,588,315	1,760,849	2,030,222	2,576,187	
December	1,609,049	1,770,859	2,087,949	2,669,339	
Total 12 months	18,056,235	19,405,182	22,521,509	27,701,116	
First 8 "	11,747,307	12,489,707	14,499,636	17,433,154	21,165,145

"There must be a reduction, and more economical use, of paper, envelopes and labour in respect of the free mailing list. This is the last issue of this publication you will receive, unless you desire to have it continued, in which event you must advise this Bureau, and give the reason for such continuation."

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**BUREAU OF STATISTICS  
AND PUBLIC UTILITIES BRANCH  
OTTAWA**

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Dominion Statistician, S. A. CUDMORE, M.A. (Oxon.), F.S.S., F.R.S.C.

Chief, Transportation and Public Utilities Branch, C.S. Wrong, B.Sc.

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

SEPTEMBER, 1942

Central electric station output for September amounted to 2,946,611,000 kw. hrs. as compared with 2,866,647,000 kw. hrs. in 1941.

Exports to the United States dropped from 195,145,000 in August to 185,292,000 kw. hrs.

Secondary power for electric boilers and other uses declined from 270,359,000 kw. hrs. in September last year to 94,586,000 kw. hrs., and firm power consumption in Canada increased from 2,412,334,000 to 2,666,733,000 kw. hrs., or a daily average of 88,891,000 kw. hrs., which is the highest rate attained by the industry. In Quebec the daily average consumption of firm power increased from 34,805,000 kw. hrs. in September, 1941 to 41,698,000 kw. hrs., or by 19.8 p.c., and in Ontario from 30,400,000 to 32,110,000 kw. hrs., or by 5.5 p.c.

## CENTRAL ELECTRIC

Month of

(Thousands of

				Total	Prince Edward Island	Nova Scotia
A	<u>Production</u> - Hydraulic			2,888,584	11	19,668
B	Thermal			58,027	748	16,135
C (A + B)	Total			2,946,611	759	35,803
D	<u>Receipts from other Provinces</u>				...	...
E (C + D)	<u>Output plus Receipts</u>				759	35,803
F	<u>Deliveries to other Provinces</u>				...	...
G	<u>Exports to U.S.A.</u>					
H	Firm	Power		118,970	...	...
I (G + H)	Secondary	"		66,322	...	...
J (F + I)	Total			185,292	...	...
K (E - J)	<u>Total Deliveries</u>				...	...
L	<u>Net consumption in Canada</u>			2,761,319	759	35,803
M	<u>Secondary Power</u>					
N (L + M)	For Boilers			74,957	...	...
O (K - N)	For other uses in Canada			19,629	...	...
	Total			94,586	...	...
	<u>Net consumption of Firm Power</u>			2,666,733	759	35,803
<u>CUMULATIVE PRODUCTION TOTALS. January - September</u>						
P	Firm Power	1941		20,917,763	6,049	349,095
Q		1942		24,908,925	6,933	357,790
R	Secondary Power	1941 (1)		2,982,498	...	2,417
S		1942 (1)		2,605,400	...	939
T (P + R)	Total	1941		23,900,261	6,049	351,512
U (Q + S)		1942		27,514,325	6,933	358,729
<u>DAILY AVERAGE CONSUMPTION OF FIRM POWER (OUTPUT LESS EXPORTS AND SECONDARY)</u>						
V (Average of O)	September	1941		80,411	23	1,301
W ( " " " )	"	1942		88,891	25	1,193

(1) Includes Secondary Power exported to U.S.A.

## INDEX NUMBERS

(Average 1935-39 = 100)

	January	February	March	April	May	June
	TOTAL OUTPUT					
1939	105.7	106.4	104.1	102.6	107.4	108.2
1940	111.9	113.7	106.8	112.3	123.0	124.2
1941	116.7	115.7	115.8	126.1	129.1	123.3
1942	142.9	137.6	141.7	144.5	146.1	146.6
	OUTPUT LESS EXPORTS AND SECONDARY POWER					
1939	107.0	106.9	105.7	108.0	109.9	110.9
1940	119.7	123.4	120.5	126.1	130.6	129.2
1941	145.1	147.5	148.0	151.7	152.4	154.5
1942	182.8	182.1	184.9	185.7	183.6	184.1

X - Revised.



## STATION DATA

SEPTEMBER, 1942

Kilowatt hours)

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
19,085 9,103	1,661,485 449	797,218 ...	121,258 150	35,026 16,825	27,754 9,830	207,079 4,737
28,188	1,661,934	797,218	121,408	51,851	37,584	211,866
605	5,414	352,762	...	...	2,256	...
28,793	1,667,348	1,149,580	121,408	51,851	39,840	211,866
...	352,967	5,414	...	...	...	2,256
2,489 ...	54,050 ...	62,312 66,322	79 ...	... ...	... ...	40 ...
2,489	54,050	128,634	79	...	...	40
2,489	407,017	134,048	79	...	...	2,296
26,304	1,260,351	1,015,532	121,329	51,851	39,840	209,570
...	9,399	32,620	32,773	...	...	165
...	...	19,629	...	...	...	...
...	9,399	52,249	32,773	...	...	165
26,304	1,250,932	963,283	88,556	51,851	39,840	209,405
356,695 345,120	11,245,649 14,578,081	5,774,492 6,136,558	770,983 810,214	435,238 463,291	219,913 291,557	1,759,649 1,919,376
22,989 22,158	1,311,737 830,780	1,365,227 1,403,243	278,148 345,925	... ...	... ...	1,980 2,355
379,684 367,278	12,557,386 15,408,861	7,139,719 7,539,801	1,049,131 1,156,139	435,238 463,291	219,913 291,557	1,761,629 1,921,731
1,464 877	34,805 41,698	30,400 32,110	2,927 2,952	1,656 1,728	948 1,328	6,887 6,980

## INDEX NUMBERS

(Average 1935-39 = 100)

July	August	September	October	November	December
TOTAL OUTPUT					
108.4	109.5	113.1	113.3	112.3	109.4
128.6	119.4	114.0	108.8	109.0	111.4
130.8	126.1	136.2	137.4	137.5	138.9
145.8	142.8	140.0			
OUTPUT LESS EXPORTS AND SECONDARY POWER					
111.6	112.3	113.1	113.4	115.9	116.1
132.5	132.0	130.9	130.7	133.6	136.6
160.3	159.6	167.4	x 168.7	169.5	x 175.8
188.6	187.8	185.0			

OUTPUT OF CENTRAL ELECTRIC STATIONS  
(Thousands of Kilowatt Hours)

Month	1938	1939	1940	1941	1942
January	2,283,691	2,386,979	2,326,143	2,634,701	3,226,289
February	2,057,598	2,214,174	2,337,031	2,407,068	2,864,438
March	2,358,127	2,326,740	2,423,157	2,831,809	3,220,953
April	2,063,301	2,197,379	2,398,722	2,693,355	3,082,740
May	2,081,935	2,333,443	2,671,567	2,805,394	3,174,764
June	1,973,155	2,245,537	2,578,883	2,560,060	3,043,200
July	1,987,774	2,205,844	2,615,232	2,661,145	2,965,655
August	2,075,901	2,293,032	2,500,179	2,640,064	2,989,675
September	2,168,435	2,350,652	2,399,676	2,832,647	2,946,611
October	2,333,461	2,589,958	2,437,452	3,140,317	
November	2,375,661	2,601,536	2,424,880	3,183,982	
December	2,353,196	2,536,242	2,584,341	3,220,809	
Total 12 months	26,012,805	28,351,514	30,060,248	33,445,360	
First 9 "	18,950,487	20,623,780	22,483,592	23,900,261	27,514,325

EXPORTS TO THE UNITED STATES

January	157,532	166,313	149,350	192,470	206,550
February	123,094	153,491	139,908	176,043	176,136
March	144,091	165,422	155,402	201,613	216,110
April	133,016	147,422	170,223	211,594	216,355
May	155,292	164,520	193,354	213,495	225,610
June	158,313	163,063	190,704	187,014	212,012
July	159,349	162,973	203,058	197,433	193,827
August	149,493	177,624	192,256	187,000	195,145
September	151,691	159,713	186,963	183,954	185,292
October	163,455	151,794	188,904	196,578	
November	165,299	155,247	185,492	199,856	
December	161,290	150,138	199,306	214,261	
Total 12 months	1,826,515	1,912,823	2,135,557	2,339,541	
First 9 "	1,334,471	1,455,444	1,581,295	1,748,846	1,829,017

OUTPUT LESS EXPORTS AND SECONDARY POWER

January	1,522,381	1,612,995	1,805,591	2,188,080	2,756,555
February	1,404,034	1,455,426	1,680,884	2,006,725	2,480,082
March	1,532,443	1,581,562	1,786,563	2,194,373	2,740,830
April	1,447,356	1,528,777	1,734,640	2,142,361	2,627,713
May	1,472,745	1,590,865	1,890,025	2,205,930	2,657,415
June	1,439,682	1,555,822	1,812,317	2,167,151	2,582,045
July	1,434,504	1,554,705	1,846,304	2,234,260	2,628,106
August	1,487,662	1,609,555	1,893,312	2,288,214	2,692,306
September	1,508,400	1,630,038	1,933,270	2,411,334	2,666,733
October	1,602,664	1,753,729	2,021,032	2,607,876	
November	1,588,315	1,760,849	2,030,222	2,576,187	
December	1,809,049	1,770,859	2,083,949	2,674,835	
Total 12 months	18,056,235	19,405,182	22,321,339	27,704,334	
First 9 "	13,256,207	14,119,745	16,386,306	19,845,488	23,831,878

/ Revised.

**DOMINION BUREAU OF STATISTICS**  
**TRANSPORTATION AND PUBLIC UTILITIES BRANCH**  
**OTTAWA**

DEPT. OF STATISTICS  
UNIVERSITY OF TORONTO

Dominion Statistician, S. A. CUDMORE, M.A. (Oxon.), F.S.S., F.R.S.C.

Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

OCTOBER, 1942

The output of central electric stations for October amounted to 3,166,186,000 kw. hrs. as compared with 3,140,317,000 kw. hrs. in October last year. This was an increase in firm or primary power of 213,580,000 kw. hrs. or 7.8 p.c. and a decrease of secondary power of 187,711,000 kw. hrs., or 46.4 p.c. Secondary power consumed in Quebec declined from 198,962,000 to 12,532,000 kw. hrs., or by 186,430,000 kw. hrs.

The increase in total output over September output was less than the usual and the index number dropped from 140.0 to 138.5.

Exports to the United States increased from 196,576,000 kw. hrs. in October, 1941 to 207,087,000 kw. hrs., all of which was in secondary power which increased from 72,217,000 to 87,374,000 kw. hrs.

Firm power produced for consumption in Canada (including line losses) amounted to 2,828,330,000 kw. hrs., a new high record, the daily average being 91,236,000 kw. hrs. as compared with 88,921,000 kw. hrs. in January, the previous high record, and 88,892,000 kw. hrs. in September. The index number adjusted for seasonal variations dropped from 185.0 for September to 182.9.

28/11/42

Price per year 50 cents.



## CENTRAL ELECTRIC

Month of

(Thousands of

				Total	Prince Edward Island	Nova Scotia
A	<u>Production - Hydraulic</u>			3,103,235	13	30,869
E	Thermal			62,951	720	16,127
C (A + B)	Total			3,166,186	793	46,996
D	<u>Receipts from other Provinces</u>				...	...
E (C + D)	<u>Output plus Receipts</u>				793	46,996
F	<u>Deliveries to other Provinces</u>				...	...
G	<u>Exports to U.S.A.</u>					
H	Firm	Power		119,713	...	...
H	Secondary	"		87,374	...	...
I (G + H)	Total			207,087	...	...
J (F + I)	<u>Total Deliveries</u>				...	...
K (E - J)	<u>Net consumption in Canada</u>			2,959,099	793	46,996
L	<u>Secondary Power</u>					
M	For Boilers			108,958	...	...
M	For other uses in Canada			21,811	...	...
N (L + M)	Total			130,769	...	...
O (K - N)	<u>Net consumption of Firm Power</u>			2,828,330	793	46,996
<u>CUMULATIVE PRODUCTION TOTALS. January - October</u>						
P	Firm Power	1941		x23,650,000	6,804	391,050
Q		1942		27,857,014	7,731	404,786
R	Secondary Power	1941 (1)		x 3,390,578	...	2,416
S		1942 (1)		2,823,543	...	939
T (P + R)	Total	1941		27,040,578	6,804	393,466
U (Q + S)		1942		30,680,557	7,731	405,725
<u>DAILY AVERAGE CONSUMPTION OF FIRM POWER (OUTPUT LESS EXPORTS AND SECONDARY POWER)</u>						
V (Average of O)	October	1941		x 84,125	24	1,353
W ( " " " )	"	1942		91,236	26	1,516

(1) Includes Secondary Power exported to U.S.A.

x Revised.

INDEX NUMBERS

(Average 1935-39 = 100)

	January	February	March	April	May	June
<u>TOTAL OUTPUT</u>						
1939	105.7	106.4	104.1	102.9	107.4	108.2
1940	111.9	113.7	106.8	112.3	123.0	124.2
1941	116.7	115.7	115.8	126.1	129.1	123.3
1942	142.9	137.6	141.7	144.3	146.1	146.6
<u>OUTPUT LESS EXPORTS AND SECONDARY POWER</u>						
1939	107.0	106.9	106.7	108.0	109.9	110.9
1940	119.7	123.4	120.5	126.1	130.6	129.2
1941	145.1	147.5	148.0	151.7	152.4	154.5
1942	182.8	182.1	184.9	185.7	183.6	184.1

## STATION DATA

OCTOBER, 1942

Kilowatt hours)

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
30,175 9,736	1,741,250 477	856,730 ...	149,292 164	39,984 18,267	25,254 13,587	229,668 3,813
39,911	1,741,727	856,730	149,456	58,251	38,841	233,481
596	5,291	353,808	...	...	3,883	...
40,507	1,747,118	1,210,536	149,456	58,251	42,724	233,481
36	354,404	5,355	...	...	...	3,883
2,393 ...	55,270 ...	61,219 87,374	91 ...	... ...	... ...	40 ...
2,392	55,970	141,523	91	...	...	40
2,429	410,374	153,948	91	...	...	3,923
38,078	1,336,744	1,056,590	149,365	58,251	42,724	229,558
555 ...	12,532 ...	47,814 21,811	47,867 ...	... ...	... ...	190 ...
555	12,532	60,625	47,867	...	...	190
37,523	1,324,212	986,965	101,498	58,251	42,724	229,368
406,821 324,476	12,769,576 16,507,275	x6,485,952 6,836,289	867,429 911,803	468,607 521,542	250,642 330,398	1,983,089 2,152,714
24,737 22,713	1,510,699 843,313	x1,514,670 1,560,242	335,846 393,792	... ...	... ...	2,210 2,544
431,558 407,189	14,280,275 17,150,588	8,000,652 8,396,531	1,203,275 1,305,595	468,607 521,542	250,642 330,398	1,985,299 2,155,258
1,557 1,210	36,542 42,716	x 31,621 31,838	5,108 3,274	1,722 1,879	1,054 1,378	7,144 7,399

## INDEX NUMBERS

(Average 1935-39 = 100)

July	August	September	October	November	December
TOTAL OUTPUT					
108.4	109.5	113.1	113.3	112.3	109.4
128.6	119.4	114.0	108.8	109.0	111.4
130.8	126.1	136.2	137.4	137.5	138.9
145.8	142.8	140.0	138.5		
OUTPUT LESS EXPORTS AND SECONDARY POWER					
111.6	112.3	113.1	113.4	115.9	116.1
132.5	132.0	130.9	130.7	133.6	136.6
160.5	159.6	167.4	168.7	166.5	175.3
182.6	187.3	185.0	181.0		

# OUTPUT OF CENTRAL ELECTRIC STATIONS

(Thousands of Kilowatt Hours)

Month	1938	1939	1940	1941	1942
January	2,283,691	2,386,979	2,526,143	2,634,701	3,226,289
February	2,057,598	2,214,174	2,367,031	2,407,068	2,864,438
March	2,258,197	2,366,740	2,426,157	2,631,809	3,220,953
April	2,363,801	2,197,379	2,398,722	2,693,353	3,082,740
May	2,081,935	2,333,443	2,671,587	2,805,394	3,174,764
June	1,973,155	2,245,337	2,578,883	2,560,060	3,043,200
July	1,987,774	2,205,344	2,615,232	2,661,145	x 2,965,671
August	2,075,901	2,292,032	2,500,170	2,640,084	x 2,969,690
September	2,168,435	2,380,652	2,399,678	2,866,647	x 2,946,626
October	2,333,461	2,389,956	2,467,455	3,140,317	3,166,186
November	2,375,661	2,601,536	2,524,860	3,183,982	
December	2,353,196	2,536,242	2,584,341	3,220,600	
Total 12 months	26,012,805	28,351,514	30,080,248	33,445,360	
First 10 "	21,283,948	23,213,736	24,971,047	27,040,578	30,680,557

## EXPORTS TO THE UNITED STATES

January	157,582	186,915	149,050	192,470	206,530
February	123,094	153,491	139,908	176,643	176,136
March	144,091	165,422	155,402	201,613	216,110
April	135,616	141,523	170,600	211,594	216,355
May	155,232	164,520	193,334	210,495	225,610
June	158,313	163,063	190,704	187,044	212,012
July	159,349	162,973	203,058	197,433	195,827
August	149,493	177,824	192,236	187,600	195,145
September	151,881	159,715	186,983	183,954	185,292
October	165,455	151,794	168,904	196,578	207,087
November	165,299	155,247	185,492	199,856	
December	161,290	150,138	199,866	214,261	
Total 12 months	1,826,515	1,912,623	2,135,557	2,359,541	
First 10 "	1,499,926	1,607,238	1,750,199	1,945,424	2,036,104

## OUTPUT LESS EXPORTS AND SECONDARY POWER

January	1,522,381	1,612,995	1,805,591	2,188,080	2,756,555
February	1,404,034	1,455,426	1,660,884	2,008,725	2,480,082
March	1,539,443	1,581,562	1,786,563	2,194,373	2,740,830
April	1,447,356	1,528,777	1,764,640	2,146,361	2,627,713
May	1,472,745	1,590,335	1,890,025	2,205,990	2,657,415
June	1,439,682	1,555,822	1,812,317	2,167,151	2,582,045
July	1,434,501	1,534,705	1,848,304	2,234,260	x 2,628,122
August	1,437,662	1,609,555	1,893,312	2,288,214	x 2,692,321
September	1,508,400	1,630,038	1,886,670	2,412,334	x 2,666,748
October	1,602,664	1,753,729	2,021,032	2,607,876	2,828,330
November	1,588,315	1,760,849	2,030,222	2,576,187	
December	1,609,049	1,770,559	2,083,949	2,674,833	
Total 12 months	18,056,235	19,405,182	22,521,509	27,704,384	
First 10 "	14,858,871	15,873,474	18,407,338	22,453,364	26,660,161

x - Revised.



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Minister of Trade and Commerce.

**DOMINION BUREAU OF STATISTICS**  
**TRANSPORTATION AND PUBLIC UTILITIES BRANCH**  
**OTTAWA**

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Dominion Statistician, S. A. CUDMORE, M.A. (Oxon.), F.S.S., F.R.S.C.

Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

NOVEMBER, 1942

For the first time this year the total output of central electric stations was less than for the corresponding month in 1941. The total output for November was 3,180,150,000 kw. hrs. as compared with 3,183,982,000 kw. hrs. in November last year. This decrease was all in secondary power which dropped from 485,471,000 to 238,077,000 kw. hrs.

Exports to the United States increased from 199,856,000 kw. hrs. last year to 206,191,000 kw. hrs. Primary power exports, however, decreased by 6,769,000 kw. hrs. or 5.5 p.c., and secondary power exports increased by 13,104,000 kw. hrs. or 16.9 p.c.

Secondary power for use in Canada decreased from 407,939,000 kw. hrs. in November last year to 147,441,000 kw. hrs.

Consumption of firm power in Canada amounted to 2,826,521,000 kw. hrs. as against 2,828,330,000 kw. hrs. in October and 2,576,187,000 kw. hrs. in November, 1941. This was a daily average of 94,217,000 kw. hrs., the highest reached to date, and exceeded the October average by 3.3 p.c., the November 1941 average by 9.7 p.c., and the November 1940 average by 39.2 p.c.

The index number for firm power consumption adjusted for seasonal variations, was 186.0 as against the peak of 188.6 for July.

## CENTRAL ELECTRIC

Month of

(Thousands of

				Total	Prince Edward Island	Nova Scotia	
A	<u>Production</u> - Hydraulic			3,115,335	20	31,863	
B	Thermal			64,818	894	16,122	
C (A + B)	Total			3,180,150	914	47,985	
D	<u>Receipts from other Provinces</u>				...	...	
E (C + D)	<u>Output plus Receipts</u>				914	47,985	
F	<u>Deliveries to other Provinces</u>				...	...	
	<u>Exports to U.S.A.</u>						
G	Firm		Power	115,555	...	...	
H	Secondary		"	90,336	...	...	
I (G + H)	Total			206,191	...	...	
J (F + I)	<u>Total Deliveries</u>				...	...	
K (E - J)	<u>Net consumption in Canada</u>			2,973,962	914	47,985	
	<u>Secondary Power</u>						
L	For Boilers			126,237	...	...	
M	For other uses in Canada			21,204	...	...	
N (L + M)	Total			147,441	...	...	
O (K - N)	Net consumption of Firm Power			2,826,521	914	47,985	
<u>CUMULATIVE PRODUCTION TOTALS. January - November</u>							
P	Firm Power	1941		x 26,348,511	7,700	433,707	
Q		1942		30,799,090	8,645	452,771	
R	Secondary Power	1941 (1)		x 3,876,049	...	2,568	
S		1942 (1)		3,061,620	...	939	
T (P + R)	Total	1941		30,224,560	7,700	436,275	
U (Q + S)		1942		33,860,710	8,645	453,710	
<u>DAILY AVERAGE CONSUMPTION OF FIRM POWER (OUTPUT LESS EXPORTS &amp; SECONDARY POWER)</u>							
V (Average of O)		1941		85,873	30	1,422	
W ( " " " )		1942		94,217	30	1,599	

(1) Includes Secondary Power exported to U.S.A.

INDEX NUMBERS

(Average 1935-39 = 100)

	January	February	March	April	May	June
	<u>TOTAL OUTPUT</u>					
1939	105.7	106.4	104.1	102.9	107.4	108.2
1940	111.9	113.7	106.8	112.3	123.0	124.2
1941	116.7	115.7	115.8	126.1	129.1	123.3
1942	142.9	137.6	141.7	144.3	146.1	146.6
	<u>OUTPUT LESS EXPORTS AND SECONDARY POWER</u>					
1939	107.0	106.9	106.7	108.0	109.9	110.9
1940	119.7	123.4	120.5	126.1	130.6	129.2
1941	145.1	147.5	148.0	151.7	152.4	154.5
1942	182.8	182.1	184.9	185.7	183.6	184.1

x - Revised.

## STATION DATA

NOVEMBER, 1942

Kilowatt hours)

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
36,485 10,059	1,727,967 498	865,734 ...	157,703 170	46,169 20,018	25,457 14,862	223,937 2,195
46,544	1,728,465	865,734	157,873	66,187	40,319	226,132
610	5,286	339,491	...	...	3,473	...
47,154	1,733,751	1,205,025	157,873	66,187	43,792	226,132
...	339,901	5,286	...	...	...	3,473
2,836 ...	54,351 ...	58,229 90,656	94 ...	...	...	45 ...
2,836	54,351	148,865	94	...	...	45
2,836	394,252	154,151	94	...	...	3,518
44,318	1,339,499	1,050,874	157,779	66,187	43,792	222,614
1,749 ...	18,487 ...	51,962 21,204	54,990 ...	...	...	49 ...
1,749	18,487	72,266	54,990	...	...	49
42,569	1,321,012	978,708	102,789	66,187	43,792	222,565
453,576 429,271	14,266,985 18,017,254	7,191,471 7,538,121	965,323 1,014,386	543,371 587,729	282,401 370,717	2,203,977 2,378,796
27,823 24,462	1,773,934 861,799	1,678,506 1,723,044	390,647 448,782	...	...	2,551 2,594
481,399 453,733	16,040,919 18,879,053	8,869,977 9,262,265	1,355,990 1,463,468	543,371 587,729	282,401 370,717	2,206,528 2,381,390
1,474 1,419	37,029 44,034	34,415 34,624	3,259 3,426	1,626 2,206	1,124 1,460	7,296 7,419

## INDEX NUMBERS

(Average 1935-39 = 100)

July	August	September	October	November	December
TOTAL OUTPUT					
100.4	109.5	113.1	113.3	112.3	109.4
128.6	119.4	114.0	108.8	109.0	111.4
130.8	126.1	136.2	137.4	137.5	138.9
145.8	142.8	140.0	138.5	137.3	
OUTPUT LESS EXPORTS AND SECONDARY POWER					
111.6	112.3	113.1	113.4	115.9	116.1
122.5	132.6	120.9	130.7	133.6	136.6
160.5	153.7	167.4	168.7	169.5	175.5
166.8	167.2	168.8	168.9	169.5	



# OUTPUT OF CENTRAL ELECTRIC STATIONS

(Thousands of Kilowatt Hours)

Month	1938	1939	1940	1941	1942
January	2,283,691	2,386,979	2,526,143	2,634,701	3,226,289
February	2,057,598	2,214,174	2,367,031	2,407,068	2,884,438
March	2,258,197	2,366,740	2,426,157	2,651,809	3,220,953
April	2,063,801	2,197,379	2,398,722	2,693,353	3,082,740
May	2,081,935	2,333,443	2,671,567	2,805,394	3,174,764
June	1,973,155	2,245,537	2,578,883	2,560,060	3,043,200
July	1,987,774	2,205,844	2,615,232	2,661,145	2,965,671
August	2,075,901	2,293,032	2,500,179	2,640,084	2,989,690
September	2,168,435	2,380,652	2,399,678	2,866,647	2,946,626
October	2,333,461	2,589,956	2,487,455	3,140,317	3,166,186
November	2,375,661	2,601,536	2,524,860	3,183,982	3,180,153
December	2,353,196	2,536,242	2,584,341	3,220,800	
Total 12 months	26,012,805	28,351,514	30,080,248	33,445,560	
First 11 "	23,659,609	25,815,272	27,495,907	30,224,560	33,860,710

## EXPORTS TO THE UNITED STATES

January	157,532	166,915	149,050	192,470	206,550
February	123,094	153,491	139,908	176,643	176,136
March	144,091	165,422	155,402	201,613	216,110
April	135,616	141,523	170,600	211,594	216,355
May	155,292	164,520	193,354	210,495	225,610
June	158,313	163,063	190,704	187,044	212,012
July	159,349	162,973	203,058	197,433	195,827
August	149,493	177,824	192,236	187,600	195,145
September	151,691	159,713	186,983	183,954	185,292
October	165,455	151,794	168,904	196,578	207,087
November	165,299	155,247	185,492	199,856	206,191
December	161,290	150,138	199,866	214,261	
Total 12 months	1,826,515	1,912,623	2,135,557	2,359,541	
First 11 "	1,665,225	1,762,485	1,935,691	2,145,280	2,242,295

## OUTPUT LESS EXPORTS AND SECONDARY POWER

January	1,522,381	1,612,995	1,805,591	2,188,080	2,756,555
February	1,404,034	1,455,426	1,680,884	2,008,725	2,480,082
March	1,539,443	1,581,562	1,786,563	2,194,373	2,740,830
April	1,447,356	1,528,777	1,784,640	2,146,361	2,627,713
May	1,472,745	1,590,865	1,890,025	2,205,990	2,657,415
June	1,439,682	1,555,822	1,812,517	2,167,151	2,582,045
July	1,434,504	1,554,705	1,846,304	2,234,260	2,628,122
August	1,487,662	1,603,555	1,893,312	2,288,214	2,692,321
September	1,508,400	1,630,038	1,886,670	2,412,334	2,666,748
October	1,602,664	1,753,729	2,021,032	2,607,876	2,828,330
November	1,588,315	1,760,849	2,030,222	2,576,187	2,826,522
December	1,603,049	1,770,853	2,083,949	2,674,833	
Total 12 months	18,056,235	19,405,182	22,521,509	27,704,364	
First 11 "	16,547,186	17,634,323	20,437,560	25,029,551	29,486,683

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Minister of Trade and Commerce.

**DOMINION BUREAU OF STATISTICS**  
**TRANSPORTATION AND PUBLIC UTILITIES BRANCH**  
**OTTAWA**

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Dominion Statistician, S. A. CUDMORE, M.A. (Oxon.), F.S.S., F.R.S.C.

Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

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OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA  
DECEMBER, 1942

Central electric stations produced 3,248,672,000 kw. hrs. in December, a new all-time peak, as compared with 3,220,800,000 kw. hrs. in December, 1941.

Exports to the United States amounted to 211,444,000 kw. hrs., a decrease from December 1941 exports of 1.3 p.c., exports of both firm and secondary power being lighter.

Secondary power produced for use in Canada dropped from 331,706,000 kw. hrs. in December 1941 and 147,441,000 kw. hrs. in November 1942 to 107,380,000 kw. hrs.

Firm power consumed in Canada (including line losses) amounted to 2,929,848,000 kw.hrs., which was also a new high record. The daily average was 94,511,000 kw. hrs. as compared with 94,257,000 kw. hrs. in November and 86,127,000 kw. hrs. in December 1941.

The output for the year was 37,109,976,000 kw. hrs. as compared with 33,445,560,000 kw. hrs. in 1941 and 50,080,248,000 kw. hrs. in 1940.

Exports to the United States amounted to 2,453,739,000 kw. hrs., made up of 1,454,951,000 kw. hrs. of firm power and 1,018,788,000 kw. hrs. of secondary power as compared with 1,443,940,000 and 915,601,000 kw. hrs. respectively, in 1941.

Secondary power produced for use in Canada dropped from 3,381,435,000 kw. hrs. in 1941 to 2,259,115,000 kw. hrs., and was less than a third of the 1939 consumption of secondary power.

Firm power consumption, computed by deducting secondary power and exports from total production, amounted to 52,417,124,000 kw. hrs. This was an increase over 1941 consumption of 4,712,740,000 kw. hrs. or 1.7 p.c., and an increase over 1939 consumption of 13,011,942,000 kw. hrs. or 66 p.c.

## CENTRAL ELECTRIC

Month of

(Thousands of

				Total	Prince Edward Island	Nova Scotia	
A	<u>Production</u> - Hydraulic			3,184,735	18	33,231	
B	Thermal			63,937	956	16,228	
C (A + B)	Total			3,248,672	954	49,459	
D	<u>Receipts from other Provinces</u>				...	...	
E (C + D)	<u>Output plus Receipts</u>				954	49,459	
F	<u>Deliveries to other Provinces</u>				...	...	
G	<u>Exports to U.S.A.</u>			122,543	...	...	
H	Firm	Power		88,901	...	...	
I (G + H)	Total			211,444	...	...	
J (F + I)	<u>Total Deliveries</u>			211,444	...	...	
K (E - J)	<u>Net consumption in Canada</u>			3,037,228	954	49,459	
L	<u>Secondary Power</u>			86,011	...	...	
M	For Boilers			21,369	...	...	
N (L + M)	Total			107,380	...	...	
O (K - N)	Net consumption of Firm Power			2,929,848	954	49,459	
<u>CUMULATIVE PRODUCTION TOTALS. January - December</u>							
P	Firm Power	1941		29,148,325	8,666	477,285	
Q		1942		34,870,863	9,599	502,230	
R	Secondary Power	1941 (1)		4,297,035	...	2,568	
S		1942 (1)		2,239,113	...	939	
T (P + R)	Total	1941		33,445,360	8,666	479,853	
U (Q + S)		1942		37,109,976	9,599	503,169	
<u>DAILY AVERAGE CONSUMPTION OF FIRM POWER (OUTPUT LESS EXPORTS AND SECONDARY POWER)</u>							
V (Average of O)	December	1941 (revised)		86,107	31	1,406	
W ( " " " )	"	1942		94,511	31	1,595	

(1) Includes Secondary Power exported to U.S.A.

INDEX NUMBERS

(Average 1935-39 = 100)

	January	February	March	April	May	June
	<u>TOTAL OUTPUT</u>					
1939	105.7	106.4	104.1	102.9	107.4	108.2
1940	111.9	113.7	106.8	112.3	123.0	124.2
1941	116.7	115.7	115.8	126.1	129.1	123.3
1942	142.9	137.6	141.7	144.3	146.1	146.6
	<u>OUTPUT LESS EXPORTS AND SECONDARY POWER (Revised)</u>					
1939	107.0	106.9	106.7	108.0	109.9	110.9
1940	119.7	123.4	120.5	126.1	130.6	129.2
1941	145.1	147.5	148.0	151.7	152.4	154.5
1942	182.8	182.1	184.9	185.7	183.6	184.1



## STATION DATA

DECEMBER, 1942

Kilowatt hours)

	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
	20,350 11,113	1,784,572 506	879,250 6	165,876 216	41,361 21,626	34,089 11,024	225,988 2,282
	31,463	1,785,078	879,256	166,092	62,987	45,113	228,270
	331	5,286	349,545	...	...	2,263	...
	31,794	1,790,364	1,228,801	166,092	62,987	47,376	228,270
	41	349,876	5,245	...	...	...	2,263
	2,525 ...	55,878 ...	64,003 88,901	103 ...	... ...	... ...	34 ...
	2,525	55,878	152,904	103	...	...	34
	2,566	405,754	158,149	103	...	...	2,297
	29,228	1,384,610	1,070,652	165,989	62,987	47,376	225,973
	... ...	13,755 ...	11,457 21,369	60,799 ...	... ...	... ...	... ...
	...	13,755	32,826	60,799	...	...	...
	29,228	1,370,855	1,037,826	105,190	62,987	47,376	225,973
	503,138 480,734	15,830,130 19,788,577	7,919,594 9,316,132	1,063,431 1,119,979	601,502 650,716	316,367 415,830	2,428,212 2,607,066
	31,697 24,462	1,947,160 875,554	1,860,770 825,983	451,956 509,581	... ...	... ...	2,884 2,594
	534,835 485,196	17,777,290 20,664,131	9,780,364 10,142,115	1,515,387 1,629,560	601,502 650,716	316,367 415,830	2,431,096 2,609,660
	1,514 943	37,557 44,221	32,413 33,478	3,161 3,393	1,875 2,032	1,166 1,528	7,161 7,289

## INDEX NUMBERS

(Average 1935-39 = 100)

	July	August	September	October	November	December	
			TOTAL OUTPUT				
	108.4	109.5	113.1	113.3	112.3	109.4	
	128.6	119.4	114.0	108.8	109.0	111.4	
	130.8	126.1	136.2	137.4	137.5	138.9	
	145.8	142.8	140.0	138.5	137.3	140.1	
	OUTPUT LESS EXPORTS AND SECONDARY POWER (Revised)						
	111.6	112.3	113.1	113.4	115.9	116.1	
	132.5	132.0	130.9	130.7	133.6	136.6	
	160.5	159.6	167.4	168.7	169.5	175.3	
	188.6	187.8	185.0	182.9	186.0	192.0	

# OUTPUT OF CENTRAL ELECTRIC STATIONS

(Thousands of Kilowatt Hours)

Month	1938	1939	1940	1941	1942
January	2,283,651	2,386,979	2,526,143	2,634,701	3,226,289
February	2,057,358	2,214,174	2,367,081	2,407,068	2,864,438
March	2,258,197	2,366,740	2,426,157	2,631,809	3,220,953
April	2,023,201	2,197,879	2,396,722	2,693,353	3,082,740
May	2,081,355	2,333,443	2,571,567	2,805,394	3,174,764
June	1,973,155	2,245,537	2,578,383	2,560,060	3,043,200
July	1,987,774	2,205,844	2,815,232	2,661,145	2,965,671
August	2,075,201	2,293,032	2,500,179	2,640,064	2,989,690
September	2,168,135	2,380,652	2,399,678	2,866,647	2,946,626
October	2,333,461	2,569,956	2,487,455	3,140,317	x 3,166,176
November	2,375,061	2,801,336	2,584,260	3,183,382	x 3,180,757
December	2,855,196	2,536,242	2,584,361	3,220,800	3,248,672
<b>Total 12 months</b>	<b>26,012,805</b>	<b>28,351,514</b>	<b>30,080,248</b>	<b>33,445,360</b>	<b>37,109,976</b>

## EXPORTS TO THE UNITED STATES

January	157,532	166,915	149,050	192,470	206,550
February	123,094	135,481	133,808	176,643	176,136
March	144,091	165,422	155,402	201,613	216,110
April	133,616	141,523	170,800	211,594	216,355
May	155,297	164,520	193,354	210,495	225,610
June	158,313	163,063	190,704	187,044	212,012
July	159,349	162,973	203,058	187,435	195,827
August	149,493	177,824	192,236	187,600	195,145
September	151,691	159,713	186,963	183,954	185,292
October	165,455	151,794	168,904	196,578	207,087
November	165,299	155,247	185,492	199,856	206,191
December	161,290	150,138	199,866	214,261	211,444
<b>Total 12 months</b>	<b>1,826,515</b>	<b>1,912,623</b>	<b>2,135,557</b>	<b>2,359,541</b>	<b>2,455,739</b>

## OUTPUT LESS EXPORTS AND SECONDARY POWER

January	1,522,381	1,612,995	1,805,591	2,188,080	2,756,555
February	1,404,034	1,455,426	1,680,884	2,008,725	2,480,082
March	1,539,443	1,581,562	1,786,563	2,194,373	2,740,830
April	1,447,556	1,628,777	1,784,640	2,146,561	2,627,713
May	1,472,745	1,590,865	1,880,025	2,205,990	2,657,415
June	1,439,882	1,555,822	1,812,317	2,167,151	2,582,045
July	1,134,504	1,354,705	1,946,504	2,234,260	2,628,122
August	1,487,662	1,609,555	1,833,312	2,288,214	2,692,321
September	1,508,400	1,630,038	1,886,670	2,412,334	2,666,748
October	1,602,864	1,753,729	2,021,052	2,607,876	x 2,828,320
November	1,586,315	1,760,849	2,030,222	2,576,187	x 2,827,126
December	1,809,049	1,770,859	2,083,949	2,674,833	2,929,848
<b>Total 12 months</b>	<b>18,056,235</b>	<b>19,405,182</b>	<b>22,521,509</b>	<b>27,704,384</b>	<b>52,417,124</b>

x - Revised.













RECORDS SECT. DEC 8 - 1982



